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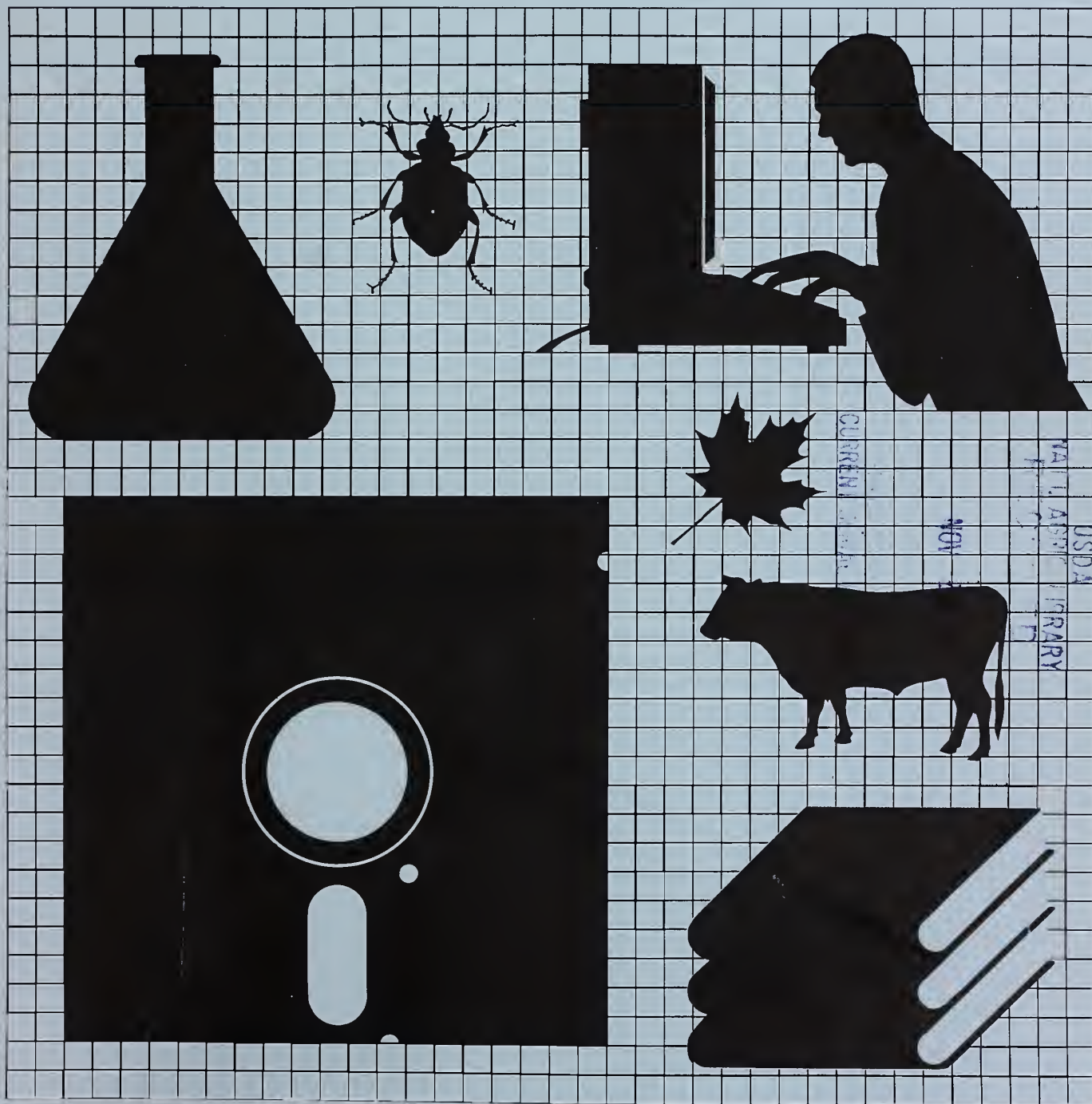
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Bibliographies  
and Literature  
of Agriculture  
Number 54

# Bibliography of American Agricultural Bibliographies, 1984

A Categorized Listing of American  
Bibliographies Indexed in  
AGRICOLA



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# **Bibliography of American Agricultural Bibliographies, 1984**

**A Categorized Listing of American  
Bibliographies Indexed in  
AGRICOLA**

Compiled by  
Charles N. Bebee  
National Agricultural Library

Bibliographies and Literature  
of Agriculture Number 54

United States Department of Agriculture  
National Agricultural Library  
Beltsville, Maryland 20705

October 1986

U. S. DEPT. OF AGRICULTURE  
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## PREFACE

In 1978, the National Agricultural Library introduced a publication series entitled "Bibliographies and Literature of Agriculture," with BLA-1 being a Bibliography of Agricultural Bibliographies, 1977, which included database citations from 1970 through 1977.

A second issue with the same title carried literature citations from 1978-82 numbered as BLA-32. This was followed by BLA-44 which covered the year 1983.

The growth of these volumes has resulted in a need to reduce the publication size by limiting the coverage to "Bibliography of American Agricultural Bibliographies," for succeeding years.

The citations are arranged alphabetically by title within each Section Heading currently used in compiling the AGRICOLA database. Personal and corporate author indices appear following the categorized citations.

Any comments or criticisms may be forwarded to the compiler:

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(301) 344-3704







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# AGRICULTURE

0001

**Agriculture in our lives an introduction to agricultural business and natural resources /by Alfred H. Krebs. -.**  
Krebs, Alfred H. Danville, Ill. : Interstate Printers & Publishers, c1984. xii, 788 p. : ill. ; 24 cm. Includes bibliographies and index. (NAL Call No.: DNAL S495.K7 1984).

0002

**Available publications of the Agricultural Experiment Station (Louisiana).**  
Baton Rouge, La. : The Station. Circular - Louisiana Agricultural Experiment Station. Mar 1984. Bibliography. Mar 1984. (117). 22 p. (NAL Call No.: 100 L93 (2)).

0003

**Directories for agricultural resources.**  
Lassanyi, M.E. Beltsville, Md. : The Library. Quick bibliography series - National Agricultural Library. Bibliography. Sept 1984. (84-60). 25 p. (NAL Call No.: DNAL aZ5071.N3).

0004

**Effects of nuclear attack on agriculture, 1969-1983.**  
Beebe, C.N. Beltsville, Md. : The Library. Quick bibliography series - National Agricultural Library. May 1984. Bibliography. May 1984. (84-33). 20 p. (NAL Call No.: aZ5071.N3).

0005

**Farmers in rebellion the rise and fall of the Southern Farmers Alliance and People's Party in Texas /by Donna A. Barnes. -.**  
Barnes, Donna A., 1954. Austin : University of Texas Press, 1984. Includes index. x, 226 p. ; 24 cm. Bibliography: p. 217 -222. (NAL Call No.: DNAL JK2374.T4B37 1984).

0006

**Hispanic contributions to U.S. food & agriculture selected references /Jayne T. MacLean. -.**  
MacLean, Jayne T. Beltsville, MD : U.S. Dept. of Agriculture, National Agricultural Library, 1984. Cover title.~ At head of title: In

observance of Hispanic Heritage Week, 1984. 8 leaves ; 28 cm. (NAL Call No.: DNAL aZ1231.M5M3).

0007

**Meeting the expectations of the land essays in sustainable agriculture and stewardship /edited by Wes Jackson, Wendell Berry, Bruce Colman. -.**  
Jackson, Wes.; Berry, Wendell, 1934-; Colman, Bruce. San Francisco : North Point Press, 1984. xvi, 250 p. : ill. ; 23 cm. Bibliography: p. 231 -247. (NAL Call No.: DNAL S441.M4).

0008

**Papers presented to the symposium, Restructuring policy for agriculture, some alternatives /conducted in cooperation with the 149th National Meeting of the American Association for the Advancement of Science ; edited by Sandra S. Batie, J. Paxton Marshall. -.**  
Batie, Sandra S.; Marshall, J. Paxton. Blacksburg, Va. : Virginia Polytechnic Institute and State University, College of Agriculture and Life Sciences, 1984. Cover title: Restructuring policy for agriculture, some alternatives.~ "May 1984.". viii, 142 p. : ill. ; 26 cm. -. Includes bibliographies. (NAL Call No.: DNAL S541.5.V8I54 no.84-2).

0009

**The paradox of success the impact on priority setting in agricultural research and extension / prepared by Jean Lipman-Blumen and Susan Schram. -.**  
Lipman-Blumen, Jean. Schram, Susan. Washington, D.C. : Office of the Assistant Secretary, Science and Education, United States Department of Agriculture, 1984. "Prepared by LBS International, Ltd., Bethesda, Maryland, under the auspices of contract~ "June 1984.". 1 v. (various pagings) ; 28 cm. Bibliography: p. F1-F19. (NAL Call No.: DNAL aS541.L52).

0010

**Science and policy issuesa report of citizen concerns and recommendations for American agricultural research. -.**  
Washington, D.C. : National Agricultural Research and Extension Users Advisory Board, 1984. "July 1984.". viii, 67 p. : ill. ; 22 cm. Includes bibliographical references. (NAL Call No.: DNAL aS494.5.G44S33).

# RESEARCH

0011

**Agricultural policies, research programs.**  
Lassanyi, M. Beltsville, Md. : The Library.  
Quick bibliography series - National  
Agricultural Library. Bibliography. Oct 1984.  
(85-01). 23 p. (NAL Call No.: DNAL aZ5071.N3).

0012

**Agricultural Productivity Act of 1983 hearing before the Subcommittee on Agricultural Research and General Legislation of the Committee on Agriculture, Nutrition, and Forestry, United States Senate, Ninety-eighth Congress, second session, on S. 1128 ... June 14, 1984. -.**  
United States.~Congress.~Senate.~Committee on Agriculture, Nutrition, and Forestry.~Subcommittee on Agricultural Research and General Legislation. Washington, D.C. : U.S. G.P.O., 1984. Distributed to some depository libraries in microfiche.~ Item 1032-C, 1032-D (microfiche). iv, 276 p. : ill. ; 24 cm. -. Bibliography: p. 200-202. (NAL Call No.: DNAL KF26.A351 1984a).

0013

**Fiscal year 1984 EPA research and development authorization hearings before the Subcommittee on Natural Resources, Agriculture Research and Environment of the Committee on Science and Technology, U.S. House of Representatives, Ninety-eighth Congress, first session, March 10; April 19, 27, 1983. -.**  
United States.~Congress.~House.~Committee on Science and Technology.~Subcommittee on Natural Resources, Agriculture Research, and Environment. Washington, D.C. : U.S. G.P.O., 1984. Distributed to some depository libraries in microfiche.~ "No. 113.". iii, 301 p. : maps ; 24 cm. Includes bibliographical references. (NAL Call No.: DNAL KF27.S3978 1983e).

0014

**Impact on U.S. scientific research of proposal to withdraw from UNESCO hearings before the Subcommittee on Natural Resources, Agriculture Research, and Environment and the Subcommittee on Science, Research, and Technology of the Committee on Science and Technology, U.S. House of Representatives, Ninety-eighth Congress, second session, March 8, 15, 1984. -.**  
United States.~Congress.~House.~Committee on Science and Technology.~Subcommittee on Natural Resources, Agriculture Research, and Environment. Washington, D.C. : U.S. G.P.O., 1984. Distributed to some depository libraries in microfiche.~ "No. 120.". iii, 235 p. ; 24 cm. Includes bibliographical references. (NAL Call No.: DNAL KF27.S3978 1984b).

0015

**New directions for agriculture the science and technology of the future : hearing before the Joint Economic Committee, Congress of the United States, Ninety-eighth Congress, second session, October 2, 1984. -.**  
United States.~Congress.~Joint Economic Committee. Washington, D.C. : U.S. G.P.O., 1984. Distributed to some depository libraries in microfiche. iii, 147 p. : ill. ; 24 cm. -. Includes bibliographies. (NAL Call No.: DNAL KF25.E2 1984).

0016

**Research--background for 1985 farm legislation /report prepared by Paul O'Connell ; with contributions from Gary Taylor and Karen Skinner. -.**  
O'Connell, Paul. Taylor, Gary.; Skinner, Karen. Washington, D.C. : U.S. Dept. of Agriculture, Science and Education, 1984. "November 1984.". viii, 59 p. : ill. ; 28 cm. Bibliography: p. 57-59. (NAL Call No.: DNAL aS541.025).



# METEOROLOGY AND CLIMATOLOGY

0017

**Acid precipitation : an annotated bibliography / compiled by Denise A. Wiltshire and Margaret L. Evans.**

Wiltshire, Denise A. Evans, Margaret L. Alexandria, Va. Dept. of the Interior, U.S. Geological Survey Distribution Branch, Text Products Section, U.S. Geological Survey 1984. Includes indexes. iii, 282 p. ; 28 cm. -. (NAL Call No.: Z5862.2.A26W45).

0018

**Climatic change and streamflow in the Southwest /H.B. Osborn, L.J. Lane. -.**

Dsborn, Herbert Bradley, 1929. Lane, L. J. Flagstaff, Ariz. : Amer. Society of Civil Engineers, Irrigation and Drainage Div., 1984? . Cover title.~ "Work performed under the auspices of the US Department of Energy."~ "LA-UR--84-1415."~ "DE84 O12658."~ CDF-840744--2. 10 leaves : ill., map ; 28 cm. Bibliography: leaves 7-8. (NAL Call No.: DNAL QC981.8.C507).

0019

**HIPLEX a cooperative program on rain augmentation in the High Plains /by A.S. Dennis ... et al. . -.**

Dennis, Arnett S. Denver, Colo. : U.S. Dept. of the Interior, Bureau of Reclamation, Division of Atmospheric Resources Research ; Springfield, Va. : Available from the N.T.I.S., 1984. Final report.~ "June 1984"--Cover. iv, 55 p. : ill., maps ; 28 cm. Bibliography: p. 41-55. (NAL Call No.: DNAL QC928.7.H5).

0020

**Probable maximum precipitation estimates, United States between the Continental Divide and the 103rd meridian /prepared by J.F. Miller ... et al. . -.**

Miller, J. F.\_1928. Silver Spring, Md. : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, 1984. "March 1984.". xvi, 245 p. : ill., maps ; 28 cm. -. Bibliography: p. 225-228. (NAL Call No.: DNAL 157.991 H99 no.55).

0021

**Seasonal climate scenarios for Europe and North America in a high-CO2, warmer world /prepared by J.P. Palutikof, T.M.L. Wigley and J.M. Lough. -.**

Palutikof, J. P. Wigley, T. M. L.; Lough, J. M. Washington, D.C. : U.S. Dept. Energy, Office of Energy Research ; Springfield, Va. : Available from NTIS, 1984. "DOE/EV/10098-5."~ "TRO12."~ "August 1984."~ "Prepared for: United States Dept. of Energy, Office of Energy Research, Office of Basic Energy Sciences, Carbon Dioxide Research Division; under contract no.

DE-ACO2-79EV10098.". vi, 70 p. : ill., maps ; 28 cm. Bibliography: p. 68-70. (NAL Call No.: DNAL QC879.8.P36).

0022

**Statistical relationships between meteorological data stations and implications to diagnostic models in complex terrain /W.M. Porch, R. Lange, D.E. Bennett. -.**

Porch, W. M. Lange, R.; Bennett, D. E. Livermore, Calif. : Lawrence Livermore National Laboratory, University of California, 1984. Cover title.~ "Preprint."~ "This paper was prepared for presentation at the Third Conference on Mountain Meteorology, October 15-19, 1984, Portland, Oregon."~ "June 1984."~ CDF-841059--2.~ "DE84 O14380"--P. 1 . 4 leaves : ill. ; 28 cm. Bibliography: leaf 4. (NAL Call No.: DNAL QC940.U5P6).

0023

**The Times Books world weather guide a city-by-city guide that will enable you to forecast the weather you can expect in any part of the world at any time of the year /by E.A. Pearce and C.G. Smith. -.**

Pearce, E. A. Smith, C. G.\_1921. New York : Times Books, c1984. Includes index. 480 p. : col. ill. ; 25 cm. Bibliography: p. 6. (NAL Call No.: DNAL QC982.P43).

0024

**Weather summaries for Coram Experimental Forest, northwestern Montana an international biosphere reserve /Roger D. Hungerford, Joyce A. Schlieter. -.**

Hungerford, Roger D. Schlieter, Joyce A. Ogden, UT : U.S. Dept. of Agriculture, Forest Service, Intermountain Forest and Range Experiment Station, 1984. Cover title.~ Distributed to depository libraries in microfiche.~ "March 1984.". 34 p. : ill., 1 map ; 28 cm. -. Bibliography: p. 11. (NAL Call No.: DNAL aSD11.A48 no.160).

# HISTORY

0025

**Cotton fields no more Southern agriculture, 1865-1980 /Gilbert C. Fite. -.**  
Fite, Gilbert C. 1918. Lexington, Ky. : University Press of Kentucky, c1984. xiii, 121 p. 8 p. of plates : ill. ; 25 cm. Includes bibliographies and index. (NAL Call No.: DNAL HD1773.A5F58).

0026

**Cotton, the plant that would be king /by Bertha S. Dodge. -.**  
Dodge, Bertha Sanford. 1902. Austin : University of Texas Press, 1984. Includes index. ix, 175 p. : ill. ; 23 cm. Bibliography: p. 165-168. (NAL Call No.: DNAL HD9870.5.D63 1984).

0027

**Guide to the botanical records and papers in the archives of the Hunt Institute. 2.**  
Stieber, M.T. (comp.). Karg, A.L. (comp.). Pittsburgh, Pa. : Hunt Institute for Botanical Documentation, Carnegie-Mellon University. Huntia. Bibliography. Oct 1984. v. 5 (3). p. 127-210. (NAL Call No.: DNAL 450 H92).

0028

**Peppers the domesticated Capsicums /written and illustrated by Jean Andrews ; foreword by W. Hardy Eshbaugh. -.**  
Andrews, Jean. Austin : University of Texas Press, 1984. Includes index. xi, 170 p., 32 leaves of plates : ill. (some col.) ; 32 cm. Bibliography: p. 155 -166. (NAL Call No.: DNAL SB307.P4A53 1984).

0029

**Prehistory of Long Valley, Idaho /by Quentin Mark Arnold ; with an appendix on the Cabarton materials by Jerry Wylie. -.**  
Arnold, Quentin Mark. Ogden, Utah : USDA Forest Service, Intermountain Region, 1984 . xi, 148, 14 p. : ill., maps ; 28 cm. -. Bibliography: p. 144-148. (NAL Call No.: DNAL aE78.A145C9 no.10).



# EDUCATION AND TRAINING NOT EXTENSION

0030

**Black colleges and universities challenges for the future /edited by Antoine Garibaldi. -.**  
Garibaldi, Antoine. New York : Praeger, 1984.  
xiv, 299 p. ; 25 cm. Includes bibliographies  
and index. (NAL Call No.: DNAL LC2781.B43).

0031

**The impact of computer technology on agricultural economics education /Kerry K. Litzenberg, M. Edward Rister, Chris S. McIntosh. -.**  
Litzenberg, Kerry K. Rister, M. Edward;  
McIntosh, C. S. College Station, Tex. : Dept.  
of Agricultural Economics, Texas Agricultural  
Experiment Station, Texas A&M University  
System, 1984 . "August 1984.". 21 leaves :  
ill. ; 28 cm. -. Bibliography: leaves 15-16.  
(NAL Call No.: DNAL HD1775.T4T4 no.84-1 SP-5).

0032

**Profiles of U.S.A. forestry schools and consortia / based on the work of Richard T. Kelley ; funded by the U.S. Agency for International Development, Bureau for Science and Technology, Office of Forestry, Environment and Natural Resources through RSSA BST-5519-R-AG-2188 which is jointly managed by the USDA Office of International Cooperation and Development and the USDA Forest Service, Forestry Support Program.**  
Kelly, Richard T.& Profiles of USA forestry schools and consortia. Washington, D.C. The Agency USDA Forest Service (1984- ). At head of title: Forestry support system ~"January 1984. ~Includes index. 1 v. (loose-leaf) ; 28 cm.  
(NAL Call No.: SD250.5.P7).

# EXTENSION AND ADVISORY WORK NON U.S.

0033

**Annotated bibliography of selected extension publications, conservation tillage /by J.W. Bauder. -.**  
Bauder, J. W. Washington, D.C.? : Conservation Tillage Information Center ; Fort Wayne, Ind. (2010 Inwood Dr., Fort Wayne 46815) : Available from Conservation Tillage Information Center, 1984. Cover title: Cooperative extension publications on conservation tillage, an annotated bibliography.~ "A special project of the National Association of Conservation Districts."~ "This publication was produced as a cooperative effort of the Montana Cooperative Extension Service, the Minnesota Agricultural Extension Service, the Extension Service-USDA and the Conservation Tillage~ "July 1984.". 84 p. ; 28 cm. (NAL Call No.: DNAL Z5074.S65B37).

0034

**The Cooperative Extension Service a national assessment /Paul D. Warner and James A. Christenson. -.**  
Warner, Paul D. Christenson, James A. Boulder, Colo. : Westview Press, 1984. Includes index. xviii, 195 p. : ill., maps ; 24 cm. Bibliography: p. 149-156. (NAL Call No.: DNAL S544.W33).

0035

**Extension community leadership programs in the United States report of a survey on community leadership programs conducted by extension throughout the United States /prepared by the North Central Regional Interest Network on Community Leadership Programs. -.**  
Ames, Iowa : North Central Regional Center for Rural Development, Iowa State University of Science and Technology, 1984. "June 1984.". vi, 160 p. : forms ; 28 cm. Includes bibliographical references. (NAL Call No.: DNAL S544.E97).

0036

**Florida agricultural information retrieval system (FAIRS) design of a computerized consultation system for agricultural extension /Howard W. Beck, Jerry L. Stimac, Fred A. Johnson. -.**  
Beck, Howard W. Stimac, Jerry L.: Johnson, Fred A. Gainesville, Fla. : University of Florida, IFAS, 1984. Cover title.~ "June 20, 1984.". 20 p. : ill. ; 28 cm. Bibliography: p. 12-13. (NAL Call No.: DNAL S494.5.I47B43).

0037

**The Montana Cooperative Extension Service a history, 1893-1974 /by Merrill G. Burlingame and Edward J. Bell, Jr. -.**  
Burlingame, Merrill G. 1901. Bell, Edward J. Bozeman, Mont. : Montana State University, c1984. xvi, 365 p. : ill. ; 23 cm. Includes bibliographies and index. (NAL Call No.: DNAL S544.3.M9B87).

0038

**Partners in action community volunteers, Cooperative Extension agents : national projections / Sara M. Steele ... et al. . -.**  
Steele, Sara M., 1931. Madison, Wis. : Department of Continuing and Vocational Education, University of Wisconsin-Madison, 1984. Extension Repository Collection.~ Cover title.~ "Implications of volunteerism in Extension."~ Funding for the study was provided by USDA-ES and the University of Wisconsin. 9 p. : ill. ; 28 cm. Bibliography: p. 9. (NAL Call No.: DNAL S544.P3).

0039

**Publications (Missouri, Cooperative Extension Service).**  
Columbia, Mo. : University of Missouri. MP - University of Missouri Extension Division. Apr 1984. Bibliography. Apr 1984. (205,rev.). 27 p. (NAL Call No.: S81.A2M5).

# ADMINISTRATION

0040

Report of the Committee on Agriculture, House of Representatives, together with minority views to the Committee on the Budget, pursuant to the Congressional Budget and Impoundment Control Act.

United States ~ Congress ~ House ~ Committee on Agriculture. Washington (D.C.) U.S. G.P.O. 1984. At head of title: 98th Congress, 2d session, committee print. iii, 80 p. ; 24 cm. (NAL Call No.: S21.Z2A544 1984).

# LEGISLATION

0041

**Alternative agricultural and food policies and the 1985 Farm Bill /editors, Gordon C. Rausser, Kenneth R. Farrell. -.**

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## FARM ORGANIZATION AND MANAGEMENT

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Bauer, C.R. Crosby, M.R. Carbondale, Ill. : American Bryological and Lichenological Society. The Bryologist. Summer 1984. Bibliography. v. 87 (2). p. 175-180. (NAL Call No.: 450 B84).

0183

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0184

**Reference plant collection of the Coweeta Hydrologic Laboratory, North Carolina /J. Dan Pittillo and Martha Lee. -.**

Pittillo, J. Dan. Lee, Martha. Asheville, N.C. (200 Weaver Blvd., Asheville 28804) Forest Experiment Station, U.S. Dept. of Agriculture, Forest Service, 1984. "September 1984.". 34 p. ; 28 cm. -. Bibliography: p. 2-3. (NAL Call No.: DNAL aSD433.A53 no.29).

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0185

**CRC handbook of tropical food crops /editor, Franklin W. Martin. -.**  
Martin, Franklin W. Boca Raton, Fla. : CRC Press, c1984. 296 p. : ill. ; 26 cm. Includes bibliographies and index. (NAL Call No.: DNAL SB176.T76C73).

0186

**The cultivated hemlocks /John C. Swartley ; revised by Humphrey J. Welch ; technical editor, Theodore R. Dudley ; biographical essay about the author by Robert L. Fincham. -.**  
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0187

**Double-cropping and interplanting, June 1982-December 1983.**  
MacLean, J.T. Beltsville, Md. : The Library. Quick bibliography series - National Agricultural Library. Mar 1984. Updates 82-29 -Bibliography. Mar 1984. (84-18). 19 p. (NAL Call No.: aZ5071.N3).

0188

**Drought resistance--pathway to productivity, 1979-1983 (Crops).**  
Lassanyi, M.E. Beltsville, Md. : The Library. Quick bibliography series - National Agricultural Library. Feb 1984. Bibliography. Feb 1984. (84-15). 31 p. (NAL Call No.: aZ5071.N3).

0189

**A review of crop requirements for potato production with emphasis in tropical and subtropical regions /by Luis A. Manrique. -.**  
Manrique, Luis A. 1948. Ithaca, N.Y. : Department of Agronomy, New York State College of Agriculture and Life Sciences, Cornell University, 1984. "May 1984.". 38 p. : ill. ; 28 cm. -. Bibliography: p. 26-38. (NAL Call No.: DNAL 281.8 C814 no.106).

0190

**Tissue culture, 1982-1984 (Plants, including trees).**  
Gilbert, H. Beltsville, Md. : The Library. Quick bibliography series - National Agricultural Library. Aug 1984. Bibliography. Aug 1984. (84-57). 23 p. (NAL Call No.: aZ5071.N3).

0191

**Vegetation of the Cross Timbers Experimental Range, Payne County, Oklahoma /Anne L. Ewing, Jimmy F. Stritzke and James D. Kulbeth. -.**  
Ewing, Anne L. Stillwater, Okla. : Agricultural Experiment Station, Division of Agriculture, Oklahoma State University, 1984. "October 1984.". 40 p. : ill., maps ; 28 cm. -. Bibliography: p. 32-33. (NAL Call No.: DNAL 100 Ok4M no.856).

0192

**Annotated bibliography of Federal fruit and nut research in the Southeast, 1914-81 /by J. Wendell Snow. -.**  
Snow, J. Wendell. Beltsville, Md. : U.S. Dept. of Agriculture, Agricultural Research Service ; Springfield, Va. : National Technical Information Service, distributor, 1984. Distributed to depository libraries in microfiche.~ "September 1984."~ Includes author and subject indexes. 100 p. ; 28 cm. -. (NAL Call No.: DNAL aS21.R44A7 no.13).

0193

**Bonsai--miniature potted trees.**  
Beltsville, Md. : The Library. Quick bibliography series - National Agricultural Library. Bibliography. July 1984. (84-47). 6 p. (NAL Call No.: DNAL aZ5071.N3).

0194

**British and American gardens in the eighteenth century eighteen illustrated essays on garden history /edited by Robert P. Maccubbin and Peter Martin. -.**  
Maccubbin, Robert P.; Martin, Peter, 1940. Williamsburg, Va. : Colonial Williamsburg Foundation, c1984. "Published simultaneously as volume VIII, n.s., 2 of Eighteenth-century life by the College of William and Mary"--T.p. verso. 188 p., 92 p. of plates : ill. ; 24 cm. Includes bibliographies. (NAL Call No.: DNAL SB457.54.B75).

0195

**Chaparral--soils and management.**  
Keeley, J.E. (comp.). Davis, Calif. : The Center. Report - California Water Resources Center, University of California, Davis. June 1984. Bibliography. June 1984. (58). p. 72-91. (NAL Call No.: 292.9 C1282).



0196

**Costs and returns of irrigated multiple-crop production in the Georgia coastal plain, 1982** /by G. Scott Smith ... et al. -.  
Smith, G. Scott. Athens, Ga. : Department of Agricultural Economics, University of Georgia, 1984. Chiefly tables.~ Bibliography: p. 15. 123 leaves : map ; 28 cm. -. (NAL Call No.: DNAL HD1775.G4G42 no.84-2).

0197

**Cranberry production in the Pacific Northwest** /by Azmi Y. Shawa ... et al. -.  
Shawa, Azmi Y. Corvallis, Dr. : Cooperative Extension of Washington State University, Oregon State University, University of Idaho and U.S. Dept. of Agriculture, 1984. "A Pacific Northwest Extension publication.". 50 p. : ill. (some col.) ; 28 cm. Bibliography: p. 49-50. (NAL Call No.: DNAL 275.29 W27Pn no.247).

0198

**Feasibility of potato production in Hawaii** /by Luis A. Manrique. -.  
Manrique, Luis A. 1948. Honolulu : HITAHR, College of Tropical Agriculture and Human Resources, University of Hawaii at Manoa, 1984. "January 1984.". 44 p. : ill. ; 26 cm. -. Bibliography: p. 42-44. (NAL Call No.: DNAL S539.5.R43 no.026a ).

0199

**Fruit crops, 1984a summary of research.** -.  
Wooster, Ohio : Ohio State University, Ohio Agricultural Research and Development Center, 1984. Cover title.~ "August 1984.". 71 p. : ill. ; 28 cm. -. Includes bibliographical references. (NAL Call No.: DNAL 100 Dh3R no.283 etc).

0200

**Fumigant development for killing insects on lettuce and other produce** /Ruth Lynn Hooper ... et al. -.  
Hooper, Ruth Lynn. Natick, Mass. : US Army Natick Research and Development Center, 1984. Final technical report 1 Oct. 80 - 30 Sept. 83.~ Contract No. D83-13.~ Report No. NATICK/TR-84/046; AD A146661. v. 8 leaves ; 28 cm. Bibliography: leaf 6. (NAL Call No.: DNAL SB981.F8).

0201

**Herbs : an indexed bibliography, 1971-1980 : the scientific literature on selected herbs, and aromatic and medicinal plants of the Temperate Zone** / James E. Simon, Alena F. Chadwick, Lyle E. Craker.  
Simon, James E. Chadwick, Alena F.; Craker, Lyle E. Hamden, Conn. Archon Books 1984. Includes index. xviii, 770 p. ; 24 cm. (NAL Call No.: Z5996.H37S56).

0202

**Hydroponics/nutrient film technique, 1979-1984 (Mainly horticultural crop production methods).**  
Gilbert, H. Beltsville, Md. : The Library. Quick bibliography series - National Agricultural Library. Aug 1984. Updates Quick Bibliography No. 83-31 ~Bibliography. Aug 1984. (84-56). 13 p. (NAL Call No.: aZ5071.N3).

0203

**Ikebana rare book collection located at the U.S. National Arboretum** /compiled by Alan Fusonie and Judith Ho. -.  
Fusonie, Alan. Ho, Judith. Beltsville, Md. : Special Collections, National Agricultural Library, 1984. iii, 9 leaves : ill. ; 28 cm. (NAL Call No.: DNAL aZ5996.F55F7).

0204

**Indoor gardening.**  
MacLean, J.T. Beltsville, Md. : The Library. Quick bibliography series - National Agricultural Library. Bibliography. Dec 1984. (85-11). 10 p. (NAL Call No.: DNAL aZ5071.N3).

0205

**Instructions for phenological observations lilac and honeysuckle** /P.A. Dube, L.P. Perry and M.T. Vittum. -.  
Dube, P. A. Perry, Leonard P.; Vittum, M. T. Burlington, Vt. : Vermont Agricultural Experiment Station, 1984. 7 p. : ill. ; 26 cm. -. Bibliography: p. 7. (NAL Call No.: DNAL 100 V59 no.692).

0206

**Integrated crop managementintegrated orchard management manual.** -.  
Morgantown, W.Va. : West Virginia University, Cooperative Extension Service, Center for Extension and Continuing Education, 1984? . Integrated Pest Management Collection.~ Cover title. 1 v. (various pagings) : ill. (some col.), forms ; 30 cm. Includes bibliographical references. (NAL Call No.: DNAL SB950.I5433).

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0207

**Organic farming and gardening, 1979-1984.**  
MacLean, J.T. Beltsville, Md. : The Library.  
Quick bibliography series - National  
Agricultural Library. June 1984. Updates 83-40  
-Bibliography. June 1984. (84-42). 19 p. (NAL  
Call No.: aZ5071.N3).

0208

**Plants for profit a complete guide to growing  
and selling greenhouse crops /Francis X.  
Jozwik. -.**  
Jozwik, Francis X. Mills, Wyo. : Andmar Press,  
c1984. Includes index. x, 334 p. : ill., col.  
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Call No.: DNAL SB415.U69).

0209

**Postharvest biotechnology of vegetables  
/authors, D.K. Salunkhe, B.B. Desai. -.**  
Salunkhe, D. K. Desai, B. B.,\_1941. Boca Raton,  
Fla. : CRC Press, c1984. 2 v. : ill. ; 26 cm.  
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No.: DNAL SB324.85.S24).

0210

**Programing container-grown woody ornamental  
crops /by Vicky W. Crafton and Travis D.  
Phillips. -.**  
Crafton, Vicky W. Phillips, Travis D.  
Mississippi State, Miss. : Mississippi State  
University, Mississippi Agricultural and  
Forestry Experiment Station, Department of  
Agricultural Economics, 1984. 45 leaves : ill.  
; 23 cm. -. Bibliography: leaf 45. (NAL Call  
No.: DNAL 100 M69Mr no.155).

0211

**Quince (Cydonia oblonga) 1970-1985.**  
Lassanyi, M. Beltsville, Md. : The Library.  
Quick bibliography series - National  
Agricultural Library. Bibliography. Feb 1985.  
(85-22). 16 p. (NAL Call No.: DNAL aZ5071.N3).

0212

**Selected vegetable crops for production on  
small farms /Robert J. Precheur ... et al. .**  
-.  
Precheur, Robert J. Amherst : Massachusetts  
Agricultural Experiment Station, College of  
Food and Natural Resources, University of  
Massachusetts at Amherst, 1984. "October  
1984.". iv, 41 p. : ill. ; 23 cm. -. Includes  
bibliographical references. (NAL Call No.: DNAL  
100 M38H (1) no.697).

0213

**Shrublands in California: literature review and  
research needed for management: executive  
summary.**  
RUCCD. De Vries, J.J. ed. Davis, Calif. : The  
Center. Report - California Water Resources  
Center, University of California, Davis. July  
1984. (60). 15 p. ill. (NAL Call No.: DNAL  
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0214

**Turfgrass science and management /Robert D.  
Emmons. -.**  
Emmons, Robert D., 1945. Albany, N.Y. : Delmar  
Publishers, c1984. Includes index. xi, 451 p. :  
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Call No.: DNAL SB433.E4).

0215

**Urban and community gardening.**  
Beltsville, Md. : The Library. Quick  
bibliography series - National Agricultural  
Library. Bibliography. May 1984. (84-37). 10 p.  
(NAL Call No.: DNAL aZ5071.N3).

0216

**The use of prices and other market information  
in the Michigan potato industry /by Ralph D.  
Christy, Marvin L. Klein, and James T. Bonnen.  
-.**  
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Agricultural Economics, Michigan State  
University, 1984. "December 1984.". 71 p. :  
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Call No.: DNAL 281.9 M5842 no.461).

0217

**Vegetable gardening.**  
Maclean, J.T. Beltsville, Md. : The Library.  
Quick bibliography series - National  
Agricultural Library. Updates 83-32.-  
Bibliography. June 1984. (84-43). 16 p. (NAL  
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0218

**Wild and exotic mushroom cultivation in North  
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new edible species /by Geraldine C. Kaye. -.**  
Kaye, Geraldine C. Cambridge, Mass., U.S.A. :  
Farlow Reference Library and Herbarium of  
Cryptogamic Botany, Harvard University, c1984.  
Includes indexes. 32 p. : ill. ; 23 cm.  
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0219

Attitudes of grain producers and elevator managers toward electronic marketing of grain and transportation services /Larry D. Makus, James R. Russell, and Venugopal R. Pakanati. -. Makus, Larry D. Russell, James R.; Pakanati, Venugopal R. Stillwater, Okla. : Agricultural Experiment Station, Oklahoma State University, 1984. "November 1984.". 56 p. ; 28 cm. -. Bibliography: p. 25-26. (NAL Call No.: DNAL 100 Ok4M no.854).

0220

Attitudes of soybean producers and elevator managers toward electronic marketing of soybeans and transportation services /Robert L. Oehrtman, James R. Russell, and Verna Frakes. -. Oehrtman, Robert L. Russell, James R.; Frakes, Verna. Stillwater, Okla. : Agricultural Experiment Station, Oklahoma State University, 1984. "November 1984.". iii, 60 p. ; 28 cm. -. Bibliography: p. 30. (NAL Call No.: DNAL 100 Ok4M no.853).

0221

Attitudes of wheat producers and elevator managers toward electronic marketing of wheat and transportation services /Cindy J. Bradley, Kim B. Anderson, and James R. Russell. -. Bradley, Cindy J. Anderson, Kim B.; Russell, James R. Stillwater, Okla. : Agricultural Experiment Station, Oklahoma State University, 1984. "October 1984.". 61 p. ; 28 cm. -. Bibliography: p. 26-27. (NAL Call No.: DNAL 100 Ok4M no.852).

0222

The Brazilian soybean industry economic structure and policy interventions /Gary W. Williams, Robert L. Thompson. -. Williams, Gary W. Thompson, Robert L. Washington, D.C. : U.S. Dept. of Agriculture, Economic Research Service : for sale by Supt. of Docs., 1984. Cover title.~ "October 1984.". iv, 31 p. : ill. ; 28 cm. -. Bibliography: p. 30-31. (NAL Call No.: DNAL A281.9 Ag8F no.200).

0223

Corn producers and elevator managers attitudes toward a grain electronic market (GEM) /Daniel S. Tilley, Matthew C. Dickey, and James R. Russell. -. Tilley, Daniel S. Dickey, Matthew C.; Russell, James R. Stillwater, Okla. : Agricultural Experiment Station, Oklahoma State University, 1984. "September 1984.". 53 p. ; 28 cm. -. Bibliography: p. 22. (NAL Call No.: DNAL 100 Ok4M no.851).

0224

Development of new crops : needs, procedures, strategies, and options. Ames, Iowa Council for Agricultural Science and Technology 1984. "October 1984. ~Includes bibliographical references. 30 p. : ill. ; 28 cm. -. (NAL Call No.: S22.C6 no.102).

0225

Drip irrigation for cotton implications for farm profits /Paul Wilson, Harry Ayer, Gary Snider. -. Wilson, Paul N. Ayer, Harry Wright, 1942-; Snider, Gary. Washington, D.C. : U.S. Dept. of Agriculture, Economic Research Service in cooperation with University of Arizona Dept. of Agricultural Economics : Supt. of Docs., U.S. G.P.O. distributor ; Springfield, Va. : National Technical Information Service, Identification Section distributor, 1984. Cover title.~ Distributed to depository libraries in microfiche.~ "July 1984"--P. i. v, 29 p. : ill., 1 map ; 28 cm. -. Bibliography: p. 28-29. (NAL Call No.: DNAL A281.9 Ag8A no.517).

0226

Effects of government programs on corn, soybeans, and wheat production in the U.S. /Won W. Koo and James R. Lehman. -. Koo, Won W. Lehman, James R. Fargo, N.D. : Dept. of Agricultural Economics, North Dakota Agricultural Experiment Station, North Dakota State University, 1984. Cover title.~ "November 1984.". iv, 37 p. : ill. ; 28 cm. -. Bibliography: p. 34-37. (NAL Call No.: DNAL 281.9 N814A no.193).

0227

Evaluation of the 1982 corn objective yield validation survey /Fred B. Warren, Ronald J. Steele. -. Warren, Fred B. Steele, Ronald J. Washington, D.C. : USDA, Statistical Reporting Service, Statistical Research Div., 1984. Cover title.~ "August 1984.". iv, 13 p. ; 28 cm. -. Includes bibliographical references. (NAL Call No.: DNAL aSB191.M2W3).

0228

A finite element model of water uptake by soybean in a soil of limited root volume /by David E. Radcliffe. -. Radcliffe, David E. 1948. 1984. Thesis (Ph.D.)--University of Kentucky, 1984. Photocopy. Ann Arbor, Mich. : University Microfilms International, 1985. xi, 211 p. ; 21 cm. Bibliography: p. 203-210. (NAL Call No.: DNAL DISS 84-28,429).



## PLANT PRODUCTION - GENERAL

0229

**Fruits and seeds of genera in the subfamily Mimosoideae (Fabaceae) /by Charles R. Gunn. -.**  
Gunn, Charles R., 1927. Washington, D.C.? : U.S. Dept. of Agriculture, ARS ; Springfield, Va. : for sale by NTIS, 1984. Issued December 1984.~ Includes index. v, 194 p. : ill. ; 28 cm. -. Bibliography: p. 186-189. (NAL Call No.: DNAL 1 Ag84Te no.1681).

0230

**Grain sorghum performance tests in the High Plains of Texas, 1983 /Dennis Pietsch ... et al. -.**  
Pietsch, Dennis. College Station, Tex. : Texas Agricultural Experiment Station, 1984 .  
"August 1984.". 48 p. : maps ; 28 cm. -.  
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0231

**Integrated crop management field and forage crops. -.**  
Morgantown, W.Va. : Cooperative Extension Service, Center for Extension and Continuing Education, West Virginia University, 1984? .  
Integrated Pest Management Collection.~ Cover title. 1 v. (various pagings) : ill. (some col.), forms ; 30 cm. Includes bibliographical references. (NAL Call No.: DNAL SB950.I543).

0232

**Optimal forage, production, harvesting, allocating, and feeding systems for grouped dairy herds /by Robert A. Milligan, Robert S. Ramsey. -.**  
Milligan, Robert A. Ithaca, N.Y. : Dept. of Agricultural Economics, Cornell University Agricultural Experiment Station, New York State College of Agriculture and Life Sciences, 1984. Cover title.~ "August 1984.". 14 p. : ill. ; 28 cm. -. Bibliography: p. 13-14. (NAL Call No.: DNAL HD1407.C6 no.84-16).

0233

**Rail transportation in the grain market an overview /by Albert Myles and Albert J. Allen. -.**  
Myles, Albert. Mississippi State, Miss. : Department of Agricultural Economics, Mississippi Agricultural and Forestry Experiment Station, Mississippi State University, 1984. "May 1984.". 51 leaves ; 28 cm. -. Bibliography: leaves 26 -27. (NAL Call No.: DNAL 100 M69Mr no.148).

0234

**Soybean response to irrigation of Mississippi River Delta soils /by Larry G. Heatherly. -.**  
Heatherly, Larry G., 1946. Beltsville, Md. : U.S. Dept. of Agriculture, Agricultural Research Service ; Springfield, Va. : National Technical Information Service distributor , 1984. Distributed to depository libraries in microfiche.~ "December 1984.". 49 p. ; 28 cm. -. Bibliography: p. 48-49. (NAL Call No.: DNAL aS21.R44A7 no.18).

0235

**Usual planting and harvesting dates for U.S. field crops. -.**  
Washington, D.C. : U.S. Dept. of Agriculture, Statistical Reporting Service : The Supt. of Docs., U.S. G.P.D. distributor , 1984. Cover title.~ "April 1984"--P. i.~ "Supersedes Agriculture Handbook No. 283, Usual planting and harvesting dates, by states, in principal producing areas, revised August 1972"--P. i. i, 77 p. : maps ; 28 cm. -. (NAL Call No.: DNAL 1 Ag84Ah no.628).

0236

**Wild rice production, prices and marketing /Elizabeth H. Winchell, Reynold P. Dahl. -.**  
Winchell, Elizabeth H. Dahl, Reynold P. St. Paul, Minn. : Agricultural Experiment Station, University of Minnesota, 1984. 35 p. : ill., maps ; 28 cm. -. Includes bibliographical references. (NAL Call No.: DNAL S1.M52 no.29).

0237

**Developing strategies for rangeland management a report /prepared by the Committee on Developing Strategies for Rangeland Management, National Research Council/National Academy of Sciences. -.**  
Boulder, Colo. : Westview Press, 1984. "In a two-year study, the National Academy of Sciences' Committee on Developing Strategies for Rangeland Management examined at length the scientific, political, economic, legal, and social issues ari~ Funded by the Bureau of Land Management, U.S. Dept. of the Interior. xxi, 2022 p. : ill., map ; 24 cm. -. Includes bibliographies. (NAL Call No.: DNAL SF85.3.D48).

0238

**Managing intermountain rangelands--research on the Benmore. Experimental Range, 1940-84 /Kirk A. Astroth, Neil C. Frischknecht. -.**  
Astroth, Kirk A. Frischknecht, Neil C.,\_1918. Ogden, Utah : USDA, Forest Service, Intermountain Forest and Range Experiment Station, 1984. Cover title.~ "December 1984.". 44 p. : ill. ; 28 cm. -. Bibliography: p. 38-40. (NAL Call No.: DNAL aSD11.A48 no.175).



0239

**Managing Intermountain rangelands--salt-desert shrub ranges /James P. Blaisdell, Ralph C. Holmgren. -.**  
Blaisdell, James P. Holmgren, Ralph C. Ogden, Utah : USDA, Forest Service, Intermountain Forest and Range Experiment Station, 1984.  
Cover title.~ "June 1984.". 52 p. : ill. (some col.), maps ; 28 cm. -. Bibliography: p. 49-52. (NAL Call No.: DNAL aSD11.A48 no.163).

0240

**Taylor Grazing Act in Nevada, 1934-1984. -.**  
Shane, Maxine F. Washington, D.C.? : U.S. Dept. of the Interior, 1984? . Cover title.~ "BLMNVGI84017400" -- P. 20 . 19 p. : ill. ; 22 cm. Bibliography: p. 18-19 . (NAL Call No.: DNAL SF85.35.N3T3).

0241

**Ginseng.**  
Rafats, J. Beltsville, Md. : The Library. Quick bibliography series - National Agricultural Library. Updates 81-03.~ Bibliography. Sept 1984. (84-65). 17 p. (NAL Call No.: DNAL aZ5071.N3).

0242

**Guayule.**  
Rafats, J. Beltsville, Md. : The Library. Quick bibliography series - National Agricultural Library. Updates 83-07.~ Bibliography. Sept 1984. (84-63). 11 p. (NAL Call No.: DNAL aZ5071.N3).

0243

**Herbal bounty! the gentle art of herb culture /Steven Foster ; illustrated by D.D. Dowden ; foreword by Richard Evans Schultes ; preface by Shiu Ying Hu. -.**  
Foster, Steven, 1957. Salt Lake City : G.M. Smith, 1984. Includes index. 192 p., 8 p. of plates : ill. (some col.) ; 14 x 21 cm. Bibliography: p. 179-185. (NAL Call No.: DNAL SB351.H5F627 1984).

0244

**Jojoba.**  
Gilbert, H. Beltsville, Md. : The Library. Quick bibliography series - National Agricultural Library. Updates 83-30.~ Bibliography. Aug 1984. (84-55). 11 p. (NAL Call No.: DNAL aZ5071.N3).

0245

**Mushrooms in the garden /Hellmut Steineck. -.**  
Steineck, Hellmut. Eureka, Calif. : Mad River Press, c1984. Translated from German.~ Includes index. 152 p. : ill. (some col.) ; 21 cm. Bibliography: p. 138-139. (NAL Call No.: DNAL SB353.S734 1984).

0246

**The supply response for rubber in Sri Lanka a preliminary analysis /Michael J. Hartley, Marc Nerlove, R. Kyle Peters, Jr. -.**  
Hartley, Michael J., 1943. Nerlove, Marc, 1933-; Peters, R. Kyle, 1954. Washington, D.C. : World Bank, c1984. Summaries in French and Spanish. 82 p. : ill. ; 28 cm. -. Bibliography: p. 82. (NAL Call No.: DNAL HD9161.S752H37).

0247

**Use of tropical vegetables to improve diets in the Pacific Region /Stacy K. Evensen, Bluebell R. Standal. -.**  
Evensen, Stacy K. 1954. Standal, Bluebell R. 1921. Honolulu : HITAH, College of Tropical Agriculture and Human Resources, University of Hawaii, 1984. "June 1984.". 32 p. : form ; 26 cm. -. Bibliography: p. 18-19. (NAL Call No.: DNAL S539.5.R43 no.028).

# PLANT BREEDING

0248

**Cell culture and somatic cell genetics of plants /edited by Indra K. Vasil. -.**  
Vasil, Indra K. Orlando, Fla. : Academic Press, 1984. v. : ill. ; 24 cm. Includes bibliographies and index. (NAL Call No.: DNAL QK725.C37).

0249

**Cellular and molecular biology of plant stress proceedings of the ARCO Plant Cell Research Institute-UCLA symposium held at Keystone, Colorado, April 15-21, 1984 /editors, Joe L. Key, Tsune Kosuge. -.**  
Key, Joe L.; Kosuge, Tsune. New York : Alan R. Liss, 1984. xvii, 494 p. : ill. ; 24 cm. -. Includes bibliographical references and index. (NAL Call No.: DNAL QH506.U34 v.22).

0250

**Genetic engineering for crop plant improvement 1979-1984.**  
MacLean, J.T. Beltsville, Md. : The Library. Quick bibliography series - National Agricultural Library. Bibliography. Dec 1984. (85-09). 17 p. (NAL Call No.: DNAL aZ5071.N3).

0251

**Levels-of-growing-stock cooperative study in Douglas-fir Report no. 7 Preliminary results, Stampede Creek, and some comparisons with Iron Creek and Hoskins /Richard L. Williamson and Robert O. Curtis. -.**  
Williamson, Richard L. Portland, Or. : U.S. Dept. of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station, 1984. Report no. 7. Preliminary results, Stampede Creek, and some comparisons with Iron Creek and Hoskins. 42 p. : ill., map ; 28 cm. -. Bibliography: p. 20-21. (NAL Call No.: DNAL A99.9 F7625Uni no.323).

0252

**Molecular genetics of plants /edited by John G. Scandalios. -.**  
Scandalios, John George. Orlando ; New York : Academic, 1984. x, 288 p. : ill. ; 24 cm. -. Includes bibliographical references and index. (NAL Call No.: DNAL 443.D39 v.22).

0253

**Recent soybean genetics and breeding publications.**  
Ames, Iowa : The Service. Soybean genetics newsletter - United States, Agricultural Research Service. Bibliography. Apr 1984. v. 11. p. 177-191. (NAL Call No.: DNAL aSB205.S7S6).

0254

**Tree improvement plan for Northeastern Area, State and Private Forestry, United States Department of Agriculture-Forest Service /prepared by Leroy C. Johnson, Ronald P. Overton. -.**  
Johnson, Leroy C. Overton, Ronald P. Durham? NH : U.S. Dept. of Agriculture, Forest Service, Northeastern Area, 1984. On cover: State & private forestry: a cooperative effort.~ "August, 1984"-Cover. i, 71, 89 p. : ill. ; 28 cm. Bibliography: p. 65-70. (NAL Call No.: DNAL aSD399.5.U6).

# PLANT ECOLOGY

0255

**Agroecology the scientific basis of alternative agriculture /Miguel A. Altieri. -.**  
Altieri, Miguel A. Berkeley, Calif. : Division of Biological Control, University of California, 1984. Includes index. xiii, 162 p. : ill. ; 26 cm. Bibliography: p. 141-156. (NAL Call No.: DNAL S589.7.A4 1984).

0256

**California grasslands (Ecology, animal ecology).**

Keeley, J.E. (comp.). Davis, Calif. : The Center. Report - California Water Resources Center, University of California, Davis. June 1984. Bibliography. June 1984. (58). p. 116-128. (NAL Call No.: 292.9 C1282).

0257

**Chaparral--animals.**

Keeley, J.E. (comp.). Davis, Calif. : The Center. Report - California Water Resources Center, University of California, Davis. June 1984. Bibliography. June 1984. (58). p. 93-101. (NAL Call No.: 292.9 C1282).

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## SOIL SURVEYING AND MAPPING

0395

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Milbrandt, Allen Carl, 1920. Washington : National Cooperative Soil Survey, 1984 . Cover title. vii, 119 p., 65 folded p. of plates : ill., maps (1 col.) ; 28 cm. Bibliography: p. 75. (NAL Call No.: DNAL aS591.M7C8).

0396

Soil survey of Cumberland and Hoke Counties, North Carolina /by Berman D. Hudson ; United States Department of Agriculture, Soil Conservation Service, in cooperation with North Carolina Department of Natural Resources and Community Development ... et al. -.  
Hudson, Berman D. Washington, D.C.? : The Service, 1984 . Issued October 1984--P. iii.~ Includes index to map sheets. vii, 155 p., 25 folded p. of plates : ill., maps (2 col.) ; 28 cm. Bibliography: p. 93. (NAL Call No.: DNAL aS591.N8C8).

0397

Soil survey of Defiance County, Ohio /United States Department of Agriculture, Soil Conservation Service ; in cooperation with Ohio Department of Natural Resources, Division of Soil and Water Conservation and Ohio Agricultural Research and Development Center. -.  
Flesher, E. C. Washington, D.C.? : The Service, 1984. Cover title.~ "By E. C. Flesher"--P. 1.~ "Issued July 1984"--P. iii.~ Includes index. vii, 185 p., 2 , 63 folded p. of plates : ill., maps (1 col.) ; 28 cm. Bibliography: p. 121. (NAL Call No.: DNAL aS591.D3D4).

0398

Soil survey of Fairfield-Nephi area, Utah : b parts of Juab, Sanpete, and Utah Counties /United States Department of Agriculture, Soil Conservation Service ; in cooperation with the United States Department of Agriculture, Forest Service, United States Department of the Interior, Bureau of Land Management, and the Utah Agricultural Experiment Station. -.  
Trickler, Darryl L. Hall, Darrel T. Washington, D.C.? : Soil Conservation Service, 1984. Cover title.~ "By Darryl L. Trickler and Darrel T. Hall"--P. 1.~ "Issued June 1984"--P. iv.~ Includes glossary and indexes to map sheets and units. xi, 1 , 361 p., 133 folded p. of plates : ill., maps (1 col.) ; 28 cm. Bibliography: p. 213. (NAL Call No.: DNAL aS591.U8J8).

0399

Soil survey of Fulton and Izard Counties, Arkansas /United States Department of Agriculture, Soil Conservation Service ; in cooperation with Arkansas Agricultural Experiment Station. -.  
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0400

Soil survey of Fulton County, Ohio /United States Department of Agriculture, Soil Conservation Service ; in cooperation with Ohio Department of Natural Resources, Division of Lands and Soil and Ohio Agricultural Research and Development Center. -.  
Stone, K. L. Michael, D. R. Washington, D.C.? : The Service, 1984. Cover title.~ "By K. L. Stone, Jr. and D. R. Michael"--P. 1.~ "Issued October 1984"--P. iii.~ Includes index. vi, 166 p., 65 folded p. of plates : ill., maps (1 col.) ; 28 cm. Bibliography: p. 99. (NAL Call No.: DNAL aS591.03F8).

0401

Soil survey of Harmon County, Oklahoma /United States Department of Agriculture, Soil Conservation Service ; in cooperation with Oklahoma Agricultural Experiment Station and Oklahoma Conservation Commission. -.  
Ford, Jimmy G. Wilson, R. Clay; Scott, Gregory F. Washington, D.C.? : The Service, 1984. Cover title.~ "By Jimmy G. Ford, R. Clay Wilson, and Gregory F. Scott"--P. 1.~ "Issued September 1984"--P. iii.~ Includes index. ix, 198 p., 35 folded p. of plates : ill., maps (1 col.) ; 28 cm. Bibliography: p. 119. (NAL Call No.: DNAL aS591.D5H2).

0402

Soil survey of Henry County, Illinois /United States Department of Agriculture, Soil Conservation Service ; in cooperation with Illinois Agricultural Experiment Station. -.  
Washington, D.C.? : The Service, 1984. Cover title.~ "By S. L. Elmer ... et al. "--P. 1.~ "Issued October 1984"--P. iv.~ Includes index. ix, 238 p., 128 folded p. of plates : ill., maps (1 col.) ; 28 cm. Bibliography: p. 139. (NAL Call No.: DNAL aS591.I3H6).



0403

Soil survey of Hertford County North Carolina /United States Department of Agriculture, Soil Conservation Service ; in cooperation with North Carolina Department of Natural Resources and Community Development, North Carolina Agricultural Research Service, North Carolina Agricultural Extension Service, and Hertford County Board of Commissioners. -. Kirby, Robert M., 1922. Washington, D.C.? : The Service, 1984. Cover title.~ "By Robert M. Kirby"--P. 1.~ Item 102-B-33~ "Issued July 1984"--P. iii.~ Includes index. vii, 99 p., 9 folded p. of plates : ill., maps (1 col.) ; 28 cm. -. Bibliography: p. 61. (NAL Call No.: DNAL aS591.N8H6).

0404

Soil survey of Jackson County, Missouri /United States Department of Agriculture, Soil Conservation Service ; in cooperation with Missouri Agricultural Experiment Station. -. Preston, George D. Washington, D.C. : The Service, 1984. Cover title.~ "By George D. Preston"--P. 1.~ "Issued September 1984": p. iii.~ Includes index. vii, 143 p., 37 folded p. of plates : ill., maps (1 col.) ; 28 cm. Bibliography: p. 87. (NAL Call No.: DNAL aS591.M8U2).

0405

Soil survey of Kearney County, Nebraska /United States Department of Agriculture, Soil Conservation Service ; in cooperation with the University of Nebraska, Conservation and Survey Division. -. Wahl, Frank. Wilson, Jay.; Scheinost, Steve. Washington, D.C.? : The Service, 1984. Cover title.~ "By Frank Wahl, Jay Wilson, and Steve Scheinost."--P. 1.~ "Issued September 1984"--P. iii.~ Includes index.~ Item 102-B-27. vii, 157 p., 44 p. of plates : ill., maps (1 col.) ; 28 cm. Bibliography: p. 105. (NAL Call No.: DNAL aS591.N2K3).

0406

Soil survey of Lafourche Parish, Louisiana /by S. Dayton Matthews ; United States Department of Agriculture, Soil Conservation Service ; in cooperation with Louisiana Agricultural Experiment Station and Louisiana State Soil and Water Conservation Committee. -. Matthews, S. Dayton. Washington, D.C.? : The Service, 1984. "Issued October 1984"--P. iii.~ Includes index to map sheets. vii, 106 p., 123 folded p. of plates : ill., maps (1 col.) ; 28 cm. Bibliography: p. 65. (NAL Call No.: DNAL aS591.L8L3).

0407

Soil survey of Lee County, Florida /by Warren G. Henderson ; United States Department of Agriculture, Soil Conservation Service ; in cooperation with University of Florida Institute of Food and Agricultural Sciences, Agricultural Experiment Stations and Soil Science Department, and Florida Department of Agriculture and Consumer Services. -. Henderson, Warren G. Washington, D.C.? : The Service, 1984. "Issued December 1984"--P. iii. vii, 185 p., 76 folded p. of plates : ill., maps (1 col.) ; 28 cm. Bibliography: p. 101. (NAL Call No.: DNAL aS591.F6L4).

0408

Soil survey of Lyon County area, Nevada /United States Department of Agriculture, Soil Conservation Service ; in cooperation with the United States Department of Agriculture, Forest Service, United States Department of the Interior, Bureau of Land Management and Bureau of Indian Affairs and the University of Nevada, Agricultural Experiment Station. -. Archer, Warren M. Washington, D.C.? : The Service, 1984. Cover title.~ "By Warren M. Archer"--P. 1.~ "Issued June 1984"--P. iv.~ Includes index. 1 case (1 v., 41 maps) : ill., maps (1 col.) ; 31 cm. Bibliography: p. 235. (NAL Call No.: DNAL aS591.N3L9).

0409

Soil survey of Marion and Ralls Counties, Missouri /United States Department of Agriculture, Soil Conservation Service in cooperation with Missouri Agricultural Experiment Station. -. Watson, F. C. Washington, D.C.? : The Service, 1984. Cover title.~ "Issued September 1984"--P. iii.~ Includes index. vii, 117 p., 82 p. of plates : ill., maps (1 col.) ; 28 cm. Bibliography: p. 73. (NAL Call No.: DNAL aS591.M8M35).

0410

Soil survey of McCone County, Montana / by Donald E. Strom ; United States Department of Agriculture, Soil Conservation Service ; in cooperation with the United States Department of the Interior, Bureau of Land Management and Fish and Wildlife Service, and the Montana Agricultural Experiment Station. -. Strom, Donald E. Washington, D.C.? : The Service, 1984. Cover title.~ "Issued July 1984"--P. iv.~ Includes index to map units. xi, 361 p., 140 folded p. of plates : ill., maps (1 col.) ; 28 cm. Bibliography: p. 217. (NAL Call No.: DNAL aS591.M9M2).

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0411

Soil survey of Mecosta County, Michigan /United States Department of Agriculture, Soil Conservation Service ; in cooperation with the Michigan Agricultural Experiment Station. -. Corder, Paul G. Washington, D.C.? : The Service, 1984. Cover title.~ "By Paul G. Corder"--P. 1.~ "Issued May 1984"--P. iii.~ Includes glossary and indexes to map sheets and units. vii, 1, 155 p., 87 folded p. of plates : ill., maps (1 col.) ; 28 cm. Bibliography: p. 93. (NAL Call No.: DNAL aS591.M5M4).

0412

Soil survey of Mercer and Summers Counties, West Virginia /United States Department of Agriculture, Soil Conservation Service ; in cooperation with West Virginia University, Agricultural and Forestry Experiment Station. -. Sponaugle, Kelley N. Washington, D.C.? : The Service, 1984. Cover title.~ "By Kelley N. Sponaugle ... et al. "--P. 1.~ "Issued July 1984"--P. iii.~ Includes index. ix, 173 p., 53 folded p. of plates : ill., maps (1 col.) ; 28 cm. Bibliography: p. 83. (NAL Call No.: DNAL aS591.W4S8).

0413

Soil survey of Monroe County, Iowa /by Douglas B. Delmann ; fieldwork by Douglas B. Delmann ; United States Department of Agriculture, Soil Conservation Service, in cooperation with the Iowa Agriculture and Home Economics Experiment Station, the Cooperative Extension Service, Iowa State University and the Department of Soil Conservation, State of Iowa. -. Delmann, Douglas B. Washington, D.C.? : The Service, 1984. Cover title.~ "Issued September 1984"--P. iii.~ Includes index of map sheets. ix, 192 p., 64 folded p. of plates : ill., maps (1 col.) ; 28 cm. Bibliography: p. 113. (NAL Call No.: DNAL aS591.I8M7).

0414

Soil survey of Monroe County, Wisconsin /United States Department of Agriculture, Soil Conservation Service ; in cooperation with Research Division of the College of Agricultural and Life Sciences, University of Wisconsin. -. Barndt, Wayne D. Langton, John E. Washington, D.C.? : The Service, 1984. Cover title.~ "By Wayne D. Barndt and John E. Langton"--P. 1.~ "Issued June 1984"--P. iii.~ Includes index. ix, 206 p., 2, 138 folded p. of plates : ill., maps (1 col.) ; 28 cm. Bibliography: p. 127. (NAL Call No.: DNAL aS591.W6M7).

0415

Soil survey of Murray County, Oklahoma /United States Department of Agriculture, Soil Conservation Service ; in cooperation with the Oklahoma Agricultural Experiment Station. -. Watterson, Anderson. Boggard, Vinson A.; Moebius, Gordon E. Washington, D.C. : The Service, 1984. Cover title.~ "By Anderson Watterson, Jr., Vinson A. Boggard, and Gordon E. Moebius"--P. 1.~ "Issued November 1984"--P. iii.~ Includes index. viii, 187 p., 38 folded leaves of plates : ill., maps (1 col.) ; 28 cm. Bibliography: p. 103-113. (NAL Call No.: DNAL aS591.O5M8).

0416

Soil survey of Orange County, Indiana /United States Department of Agriculture, Soil Conservation Service ; in cooperation with United States Department of Agriculture, Forest Service, Purdue University, Agricultural Experiment Station, and the Indiana Department of Natural Resources, Soil and Water Conservation Committee. -. Wingard, Robert C. Washington, D.C.? : Soil Conservation Service, 1984. Cover title.~ "By Robert C. Wingard"--P. 1.~ "Issued May 1984"--P. iii.~ Includes glossary and indexes to map sheets and units. vii, 1, 124 p., 63 folded p. of plates : ill., maps (1 col.) ; 28 cm. Bibliography: p. 73. (NAL Call No.: DNAL aS591.I606).

0417

Soil survey of Pennington County, Minnesota /by R.B. Heschke ; soils surveyed by W.J. Aas ... et al. ; United States Department of Agriculture, Soil Conservation Service, in cooperation with the Minnesota Agricultural Experiment Station. -. Heschke, R. B. Washington, D.C.? : The Service, 1984. "Issued February 1984"--P. iii.~ Includes index to map sheets. vii, 156 p., 52 folded p. of plates : ill., maps (1 col.) ; 28 cm. Bibliography: p. 99. (NAL Call No.: DNAL aS591.M6P3).

0418

Soil survey of Saguache County area, Colorado /United States Department of Agriculture, Soil Conservation Service ; in cooperation with Colorado Agricultural Experiment Station; United States Department of the Interior, Bureau of Land Management; and Saguache County. -. Yenter, James M. Washington, D.C.? : The Service, 1984. Cover title.~ "By James M. Yenter"--P. 1.~ "Issued November 1984"--P. iii.~ Includes index. vii, 203 p., 2 folded p. of plates : ill., maps (1 col.) ; 28 cm. + 28 folded maps. Bibliography: p. 117. (NAL Call No.: DNAL aS591.C6S2).



0419

Soil survey of San Luis Obispo County, California, coastal part /by Daniel J. Ernstrom ; United States Department of Agriculture, Soil Conservation Service, in cooperation with University of California Agricultural Experiment Station. -.

Ernstrom, Daniel J. Washington, D.C.? : The Service, 1984. "Issued September 1984"--P. iii.~ Includes index to map sheets. ix, 265 p., 3 folded p. of plates : ill., maps (1 col.) ; 28 cm. + 21 folded maps in case ; 31 cm. Bibliography: p. 161. (NAL Call No.: DNAL aS591.C2S27).

0420

Soil survey of Seneca Nation of Indians, New York /by Paul S. Puglia ; United States Department of Agriculture, Soil Conservation Service in cooperation with Cornell University Agricultural Experiment Station. -.

Puglia, Paul S. Washington, D.C.? : The Service, 1984. Issued August 1984.~ Includes index to map sheets. ix, 208 p., 13 folded p. of plates : ill., maps ; 28 cm. Bibliography: p. 123. (NAL Call No.: DNAL aS591.N7C2).

0421

Soil survey of Shelby County, Alabama /United States Department of Agriculture, Soil Conservation Service ; in cooperation with the Alabama Agricultural Experiment Station, the Alabama Soil and Water Conservation Committee, and the Alabama Cooperative Extension Service. -.

Stevens, Robert W. 1947. Washington, D.C.? : The Service, 1984. Cover title.~ "By Robert W. Stevens"--P. 1.~ "Issued July 1984"--P. iii.~ Includes index. vii, 130 p., 2 folded p. of plates : ill., maps (1 col.) ; 28 cm. + 16 folded maps in case ; 31 cm. Bibliography: p. 73. (NAL Call No.: DNAL aS591.A35S5).

0422

Soil survey of Story County, Iowa /United States Department of Agriculture, Soil Conservation Service ; in cooperation with Iowa Agriculture and Home Economics Experiment Station and the Cooperative Extension Service, Iowa State University and the Department of Soil Conservation State of Iowa. -.

DeWitt, Thomas A. Washington, D.C.? : The Service, 1984. Cover title.~ "By Thomas A. DeWitt"--P. 1.~ "Issued May 1984"--P. iii.~ Includes index. ix, 149 p., 2, 84 folded p. of plates : ill., maps (1 col.) ; 28 cm. Bibliography: p. 89. (NAL Call No.: DNAL aS591.I8S8).

0423

Soil survey of Valley County, Montana /United States Department of Agriculture, Soil Conservation Service ; in cooperation with Montana Agricultural Experiment Station. -.

Bingham, LaMonte C. Washington, D.C.? : The Service, 1984. "Issued August 1984"--P. iii.~ In cooperation with Montana Agricultural Experiment Station.~ Includes glossary and index to map sheets. v, 102 p., 1 folded p. of plates : ill., maps (1 col.) ; 28 cm. + 323 folded sheets of maps. Bibliography: p. 97. (NAL Call No.: DNAL aS591.M9V3).

0424

Soil survey of Waupaca County, Wisconsin /by Augustine J. Otter ; United States Department of Agriculture, Soil Conservation Service in cooperation with the Research Division of the College of Agricultural and Life Sciences, University of Wisconsin. -.

Otter, Augustine J. Washington, D.C.? : The Service, 1984. Issued September 1984.~ Includes index to map sheets. vii, 167 p., 99 folded p. of plates : ill., maps (1 col.) ; 28 cm. Bibliography: p. 103. (NAL Call No.: DNAL aS591.W6W6).

0425

Soil survey of Wayne County, Ohio /United States Department of Agriculture, Soil Conservation Service ; in cooperation with Ohio Department of Natural Resources, Division of Lands and Soil and the Ohio Agricultural Research and Development Center. -.

Bureau, M. F. Graham, T. E.; Scherzinger, R. J. Washington, D.C.? : The Service, 1984. Cover title.~ "By M. F. Bureau, T. E. Graham, and R. J. Scherzinger"--P. 1.~ "Issued July 1984"--P. iii.~ Includes index. ix, 201 p., 2, 80 folded p. of plates : ill., maps (1 col.) ; 28 cm. Bibliography: p. 127. (NAL Call No.: DNAL aS591.O3W4).

# SOIL FERTILITY – FERTILIZERS

0426

**Agricultural use of sewage sludge a literature review /W.D. Kelley ... et al. . -.**  
Kelley, W. D. Blacksburg, Va. : Virginia Water Resources Research Center, Virginia Polytechnic Institute and State University, 1984. Partially funded by the U.S. Dept. of the Interior, Geological Survey.~ "December 1984."~ Project A-097-VA. v, 46 p. ; 23 cm. -. Bibliography: p. 27-35. (NAL Call No.: DNAL TD201.V57 no.143).

0427

**Commercial vegetative inoculum of Pisolithus tinctorius and inoculation techniques for development of ectomycorrhizae on bare-root tree seedlings /by D.H. Marx ... et al. . -.**  
Marx, Donald Henry, 1936. Washington, D.C. : Society of American Foresters, 1984. On cover: Supplement to Forest science, vol. 30, no. 3, September 1984. 101 p. ; 26 cm. -. Bibliography: p. 77-81. (NAL Call No.: DNAL 99.8 F76322 no.25).

0428

**A Computer model for economic selection among available fertilizer materials /M. Edward Rister ... et al. . -.**  
Rister, M. Edward. College Station, Tex. : Dept. of Agricultural Economics, Texas Agricultural Experiment Station, Texas A&M University System, 1984. "April 1984." 27 leaves ; 28 cm. -. Bibliography: leaves 26-27. (NAL Call No.: DNAL HD1775.T4T4 no.84-1 SP-2).

0429

**The effect of soil on the mutagenic properties of waste water /by Michael J. Plewa and Philip K. Hopke. -.**  
Plewa, Michael J. Hopke, Philip K., 1941. Urbana, Ill. : University of Illinois at Urbana-Champaign, Water Resources Center, 1984. "December 1984."~ Project no. S-095-Ill.~ "UILU-WRC-84-195."-- Cover. ii, 42 p. : ill. ; 28 cm. -. Bibliography: p. 17-19. (NAL Call No.: DNAL TC424.I3I4 no.195).

0430

**Effects of natural gas decontrol on farming costs and income /Michael LeBlanc. -.**  
LeBlanc, Michael. Washington, D.C. : U.S. Dept. of Agriculture, Economic Research Service, National Economics Division, 1984. Cover title.~ "January 1984." iv, 18 p. : ill. ; 28 cm. -. Bibliography: p. 17-18. (NAL Call No.: DNAL HD9483.U52L4).

0431

**Nitrogen in crop production proceedings of a symposium held 25-27 May 1982 at Sheffield, Alabama /sponsored by the National Fertilizer Development Center of the Tennessee Valley Authority ... et al. ; Roland D. Hauck, editor-in-chief. -.**  
Hauck, Roland D. 1926. Madison, Wis. : American Society of Agronomy, 1984. xxv, 804 p. : ill. ; 24 cm. Includes bibliographies and index. (NAL Call No.: DNAL S651.N57).

0432

**Nitrogen use in Pennsylvania prospects for self-sufficiency /by Medard Gabel, Amy Heiland, Ellen Stoker Pahl. -.**  
Gabel, Medard. Heiland, Amy.; Pahl, Ellen Stoker. Emmaus, Pa. (33 E. Minor St., Emmaus, Pa. 18049) : Cornucopia Project, Rodale Press, 1984. 18 p. : ill. ; 28 cm. Bibliography: p. 16-18. (NAL Call No.: DNAL S651.G3).

0433

**Organic farming current technology and its role in a sustainable agriculture : proceedings of a symposium /sponsored by Division S-3, S-4, S-6, S-8, and A-5 of the American Society of Agronomy, Crop Science Society of America, and the Soil Science Society of America in Atlanta, Ga., 29 Nov.-3 Dec. 1981 ; editorial committee, D.F. Bezdicek ... et al. ; organizing committee, L.F. Elliott, R.H. Miller, J.J. Mortvedt ; managing editor, David M. Kral ; assistant editor, Sherri L. Hawkins. -.**  
Kral, David M. Madison, Wis. : The Societies, 1984. vii, 192 p. : ill. ; 23 cm. -. Includes bibliographies. (NAL Call No.: DNAL 64.9 Am3 no.46).

0434

**Pressurized distribution for on-site domestic wastewater-renovation systems /C. Roland Mote. -.**  
Mote, C. Roland. Fayetteville, Ark. : Agricultural Experiment Station, Division of Agriculture, University of Arkansas, 1984. "April 1984."~ HI.F 3/25-7: B 8/870~ Caption title. 31 p. : ill. ; 23 cm. -. Bibliography: p. 31. (NAL Call No.: DNAL 100 AR42 no.870).

0435

**Utilization of sewage sludge compost as a soil conditioner and fertilizer for plant growth. -.**  
Washington, D.C.? : U.S. Dept. of Agriculture, Agricultural Research Service : Supt. of Docs., U.S. G.P.O., distributor, 1984. "Issued August 1984."--T.p. verso. 32 p. : map ; 28 cm. -. Bibliography: p. 27-32. (NAL Call No.: DNAL 1 Ag84Ab no.464).

# SOIL CULTIVATION

0436

**Agroforestry in the southern United States 33rd annual forestry symposium /edited by Norwin E. Linnartz and Mark K. Johnson. -.**  
Linnartz, Norwin E., 1926-; Johnson, Mark K.  
Baton Rouge, La. : Louisiana Agricultural Experiment Station, School of Forestry, Wildlife, and Fisheries, Louisiana State University Agricultural Center in cooperation with Louisiana Cooperative Extension Service, 1984. viii, 183 p. : ill. ; 23 cm. -. Includes bibliographies. (NAL Call No.: DNAL 99.9 L935 33rd).

0437

**Conservation tillage, including minimum & no-tillage.**  
Beltsville, Md. : The Library. Quick bibliography series - National Agricultural Library. Updates 82-19.~ Bibliography. June 1984. (84-41). 28 p. (NAL Call No.: DNAL aZ5071.N3).

0438

**Production of surplus crops on irrigated land served by the U.S. Bureau of Reclamation /Austin Fox, Charles Moore, and Harold Stults. -.**  
Fox, Austin 1923. Moore, Charles.; Stults, Harold. Washington, D.C.? : USDA, ERS, National Economics Division, 1984. Cover title.~ "February 1984.". ix, 81 p., 1 leaf of plates : ill., col. map ; 28 cm. -. Bibliography: p. 80-81. (NAL Call No.: DNAL aS616.U5F6).

0439

**Tillage systems for soil and water conservation /by Paul W. Unger. -.**  
Unger, Paul W. Rome : FAO, 1984. xvi, 278 p. : ill. ; 30 cm. -. Bibliography: p. 241-270. (NAL Call No.: DNAL S590.F58 no.54).



# SOIL EROSION AND RECLAMATION

0440

**The Effects on farm income of constraining soil and plant nutrient losses an application of the CREAMS simulation model /Bradley M. Crowder ... et al. . -.**

Crowder, Bradley M. University Park, Pa. : Pennsylvania State University, College of Agriculture, Agricultural Experiment Station, 1984. Cover title.~ "May 1984.". 73 p. : ill. ; 28 cm. -. Bibliography: p. 25-27. (NAL Call No.: DNAL 100 P381 no.850).

0441

**A guide for predicting sheet and rill erosion on forest land /George E. Dissmeyer and George R. Foster. -.**

Dissmeyer, George E. Foster, George R. Atlanta, Ga. : USDA, Forest Service, Southern Region, 1984. iv, 40 p. : ill. (some col.), 1 map ; 28 cm. -. Bibliography: p. 28. (NAL Call No.: DNAL aSD11.U5962 no.6 1984).

0442

**Principles of soil conservation and water management /H.R. Arakeri, Roy Donahue. -.**

Arakeri, Hanumappa Ramappa, 1919. Donahue, Roy L., 1908. Totowa, N.J. : Rowman & Allanheld, c1984. xii, 254, 8 p. of plates : ill., map ; 24 cm. Includes bibliographies. (NAL Call No.: DNAL S623.A65 1984a).

0443

**Regional soil and water conservation needshearings before the Subcommittee on Soil and Water Conservation, Forestry and Environment of the Committee on Agriculture, Nutrition, and Forestry, United States Senate, Ninety-eighth Congress, first session, May 31, 1983--Jackson, Miss., June 1, 1983--Louisville, Ky., June 13, 1983--Ames, Iowa, June 24, 1983--Brattleboro, Vt., June 28, 1983--Washington, D.C. -.**

United States.~Congress.~Senate.~Committee on Agriculture, Nutrition, and Forestry.~Subcommittee on Soil and Water Conservation, Forestry, and Environment. Washington D.C. : U.S. G.P.O., 1984. Distributed to some depository libraries in microfiche.~ Item 1032-C, 1032-D (microfiche). vii, 434 p. : ill. ; 24 cm. -. Includes bibliographical references. (NAL Call No.: DNAL KF26.A35758 1983f).

0444

**Restoration of pyritic soils and the quantification of erosion control /by Charles R. Lee, John G. Skogerboe. -.**

Lee, Charles R. Skogerboe, John G. Vicksburg, Miss. : U.S. Army Engineer Waterways Experiment Station ; Springfield, Va. : Available from NTIS, 1984 . Contains two papers presented at

the 1983 Symposium on Surface Mining, Hydrology, Sedimentology, and Reclamation held in Lexington, Kentucky entitled "Vegetation restoration of pyritic soils" and "Qua~ Final report.~ Cover title.~ "October 1984."~ At head of title: Environmental Impact Research Program.~ Funded by the U.S. Dept. of the Army under the Environmental Impact Research Program.~ AD-A148 946. 20 leaves : ill. ; 27 cm. -. Bibliography: leaf 20. (NAL Call No.: DNAL S623.L4).

0445

**Soil conservation in America what do we have to lose? /prepared by the American Farmland Trust. -.**

Washington, D.C. : The Trust, c1984. xxiii, 133 p. : ill., 1 map ; 28 cm. Includes bibliographies. (NAL Call No.: DNAL S624.A1S66).

0446

**Techniques for producing and measuring water drops: a literature review.**

Robinette, M.J. McCool, D.K. Beltsville, Md. : The Service. ARS - United States Department of Agriculture, Agricultural Research Service. Literature review. Nov 1984. (11). 18 p. Includes references. (NAL Call No.: DNAL aS21.R44A7).



# FORESTRY

0447

**Principles of forest entomology laboratory manual /Douglas C. Allen. -.**

Allen, Douglas C. Syracuse, N.Y. : Syracuse University Press, 1984. 203 p. : ill. ; 28 cm. Includes bibliographies. (NAL Call No.: DNAL SB761.A464).

0448

**Recent publications of the Pacific Northwest Forest and Range Experiment Station, third quarter 1984.**

Portland, Or. : The Station. United States Department of Agriculture Forest Service - Pacific Northwest Forest and Range Experiment Station. Bibliography. Sept 1984. 15 p. (NAL Call No.: DNAL aZ5991.U543).

# FORESTRY PRODUCTION - GENERAL

0449

## **Agroforestry.**

MacLean, J.T. Beltsville, Md. : The Library. Quick bibliography series - National Agricultural Library. Bibliography. Dec 1984. (85-06). 7 p. (NAL Call No.: DNAL aZ5071.N3).

0450

## **Bibliography of forestry in Puerto Rico /Menandra Mosquera, JoAnne Feheley, compilers. -.**

Mosquera, Menandra. Feheley, JoAnne. New Orleans, La. : USDA, Forest Service, Southern Forest Experiment Station, 1984. Cover title.~ Distributed to depository libraries in microfiche.~ "September, 1984."~ Includes indexes. ii, 196 p. : port. ; 28 cm. -. (NAL Call No.: DNAL aSD11.U57 no.51).

0451

## **Environmentally related restrictions on the timber harvesting capability of a National Forest a case study /Robert J. Hrubes. -.**

Hrubes, Robert J. Berkeley : California Agricultural Experiment Station, 1984. "January 1984.". 37 p. : ill. ; 26 cm. -. Bibliography: p. 33. (NAL Call No.: DNAL 100 C12H v.52 no.1).

0452

**Forest resources of Alabama /Victor A. Rudis, James F. Rosson, Jr., and John F. Kelly. -.**  
Rudis, Victor A. New Orleans, La. : U.S. Dept. of Agriculture, Forest Service, Southern Forest Experiment Station, 1984. Distributed to depository libraries in microfiche.~ "November, 1984.". iii, 55 p. : ill., maps ; 28 cm. -. Bibliography: p. 37. (NAL Call No.: DNAL A99.9 F628Ur no.98).

0453

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Hanover, James.; Karnosky, David F.\_1949-; Keathley, Daniel,\_1953. East Lansing : Michigan Biotechnology Institute, 1984. Cover title: Proceedings, International Symposium of Recent Advances in Forest Biotechnology. 194 leaves : ill. ; 28 cm. Includes bibliographies. (NAL Call No.: DNAL SD433.I572 1984).

0454

## **Research for tomorrow's forests1983 research accomplishments. -.**

Washington, D.C.? : USDA, Forest Service, 1984. "July 1984.". iv, 235 p. : ill., map ; 22 x 28 cm. -. Bibliography: p. 54-232. (NAL Call No.: DNAL aSD11.U52 no.41).

0455

## **Urban forestry, January 1982-December 1983.**

MacLean, J.T. Beltsville, Md. : The Library. Quick bibliography series - National Agricultural Library. Mar 1984. Updates 83-17 ~Bibliography. Mar 1984. (84-19). 26 p. (NAL Call No.: aZ5071.N3).

0456

## **California forests--fire and demography.**

Keeley, J.E. (comp.). Davis, Calif. : The Center. Report - California Water Resources Center, University of California, Davis. June 1984. Bibliography. June 1984. (58). p. 129-146. (NAL Call No.: 292.9 C1282).

0457

## **MERCHANDIZER--adapting USLYCOWG to the marketplace /Richard W. Guldin. -.**

Guldin, Richard W. New Orleans, La. : USDA, Forest Service, Southern Forest Experiment Station, 1984. Cover title.~ "December 1984.". 36 p. ; 28 cm. -. Bibliography: p. 4. (NAL Call No.: DNAL aSD11.U57 no.52).

0458

## **Regeneration of Douglas-fir in the Klamath Mountains Region, California and Oregon /R.O. Strothmann, Douglass F. Roy. -.**

Strothmann, R. O. Berkeley, Calif. : Pacific Southwest Forest and Range Experiment Station, 1984. "December 1984.". 35 p. ; 28 cm. -. Bibliography: p. 31-35. (NAL Call No.: DNAL aSD11.A325 no.81).

0459

## **Christmas tree: production and economics.**

Rafats, J. Beltsville, Md. : The Library. Quick bibliography series - National Agricultural Library. Updates 82-11.~ Bibliography. Sept 1984. (84-66). 17 p. (NAL Call No.: DNAL aZ5071.N3).

0460

Engineering and equipment development & test publications--November 1980 to October 1984. Washington, D.C. : The Service. Engineering field notes - United States Forest Service, Engineering Staff. Bibliography. Nov/Dec 1984. v. 16. 25 p. (NAL Call No.: DNAL aSD388.A1U52).

0461

Harvesting the South's small trees /Doris Robertson, proceedings coordinator ; Julia White, editorial assistant. -. Robertson, Doris.; White, Julia. Madison, Wis. : Forest Products Research Society, c1984. "Papers for this proceedings were presented at an FPRS conference on "Harvesting the South's Small Trees," held in Biloxi, Mississippi, April 18-20, 1983.". 141 p. : ill. ; 28 cm. -. Includes bibliographical references. (NAL Call No.: DNAL SD436.S67H37).

0462

Mentor self-study course /United States Department of Agriculture, Forest Service, Engineering Staff. -. Washington, D.C. : The Staff, 1984. "April 1984.". 1 v. (loose-leaf) : ill., forms ; 22 x 28 cm. -. Includes bibliographical references. (NAL Call No.: DNAL aSD388.A1U55 no.7115-516-100).

# FOREST MANAGEMENT

0463

**Draft environmental impact statement national forests in Mississippi land & resource management plan / responsible official, John E. Alcock. -.**  
Alcock, John E. Jackson? Miss. : USDA, Forest Service, Southern Region, 1984. Cover title.~ "December 1984."~ Includes index. 1 v. (various pagings) : ill., maps ; 28 cm. Bibliography: p. 8-1 - 8-5. (NAL Call No.: DNAL aSD428.A2M72).

0464

**Draft environmental impact statement for the Daniel Boone National Forest land and resource management plan /responsible official, John E. Alcock. -.**  
Alcock, John E. Winchester, Ky. : USDA, Forest Service, Southern Region, 1984. Caption title.~ Includes index. 1 v. (various pagings) : ill., maps ; 28 cm. Bibliography: p. IX-1 - IX-7. (NAL Call No.: DNAL aSD428.D3D3).

0465

**Draft environmental impact statement for the Medicine Bow National Forest and Thunder Basin National Grassland, land and resource management plan. -.**  
Laramie, Wyo. : USDA, Forest Service, 1984. Cover title: Land and resource management plan, draft environmental impact statement : Medicine Bow National Forest and Thunder Basin National Grassland.~ Ten folded maps in pocket of v. 1.~ "02-06-84-16.". 2 v. : ill., maps (some col.) ; 28 cm. Includes bibliographical references and index. (NAL Call No.: DNAL aSD428.M42D7).

0466

**Draft environmental impact statement for the proposed land management plan Ozark-St. Francis National Forests /responsible official, John E. Alcock. -.**  
Alcock, John E. Russellville, Ark. : USDA, Forest Service, Southern Region, 1984? . Caption title.~ Includes index. 1 v. (various pagings) : ill., maps ; 28 cm. Bibliography: p. 9-1 - 9-10. (NAL Call No.: DNAL aSD428.09093).

0467

**Draft environmental impact statement Jefferson National Forest, land and resource management plan. -.**  
Roanoke, Va. : USDA, Forest Service, Land Management Planning, 1984? . Includes index. 1 v. (various pagings) : ill., maps ; 28 cm. Bibliography: p. IX-1 - IX-6. (NAL Call No.: DNAL aSD428.J4D7).

0468

**Final environmental impact statement for the Nebraska National Forest land and resource management plan /responsible official, James F. Torrence. -.**  
Torrence, James F. Chadron, Neb. : USDA, Forest Service, 1984? . Caption title.~ Two folded maps in pocket.~ "02-07-81-07."~ Errata sheet inserted. 1 v. (various pagings) : ill., maps (some col.) ; 28 cm. Includes bibliographical references and index. (NAL Call No.: DNAL aSD428.N2F5).

0469

**Final environmental impact statement for the Rio Grande National Forest land and resource management plan Mineral, Hinsdale, Conejos, Alamosa, Saguache, Archuleta and Rio Grande Counties, Colorado /responsible official, James F. Torrence. -.**  
Torrence, James F. Monte Vista, Colo. : USDA, Forest Service, 1984. Caption title.~ Cover title: Final environmental impact statement: Rio Grande National Forest.~ Five folded maps in pockets (v.1.).~ Includes index.~ "02-09-82-08.". 2 v. : ill., maps ; 28 cm. Bibliography: p. B-2 - B-3 (Appendices). (NAL Call No.: DNAL aSD428.R56F5).

0470

**Four decades of selection management on the Corsett farm forestry forties /R.R. Reynolds, James B. Baker and Timothy T. Ku. -.**  
Reynolds, R. R. 1906. Fayetteville, Ark. : Agricultural Experiment Station, Division of Agriculture, University of Arkansas, 1984. "June 1984.". 43 p. : ill. ; 23 cm. -. Bibliography: p. 43. (NAL Call No.: DNAL 100 AR42 no.872).

0471

**The greening of the South the recovery of land and forest /Thomas D. Clark. -.**  
Clark, Thomas Dionysius, 1903. Lexington, Ky. : University Press of Kentucky, c1984. Includes index. xvi, 168 p., 24 p. of plates : ill. ; 24 cm. -. Bibliography: p. 149 -157. (NAL Call No.: DNAL SD144.A15C53).

0472

**History of sustained-yield forestry a symposium : Western Forestry Center, Portland, Oregon, October 18-19, 1983 /Harold K. Steen, general editor ; coordinated by the Forest History Society for the International Union of Forestry Research Organizations (IUFRO), Forest History Group (\$6.07). -.**  
Steen, Harold Karl, 1935. Santa Cruz, Calif. : The Society, c1984. Summaries in English, French, and German. xviii, 470 p. : ill. ; 21 cm. Includes bibliographies. (NAL Call No.:



DNAL SD131.H57).

bibliographical references. (NAL Call No.: DNAL A99.9 F7625Un no.120).

0473

**Jefferson National Forestdraft land and resource management plan.** -.  
Roanoke, VA : U.S. Dept. of Agriculture, Forest Service, Land Management Planning, 1984? .  
Cover title: Jefferson National Forest, land and resource management plan, draft.~ Two folded maps in pocket.~ Includes index. 1 v. (various pagings) : ill., maps (some col.) ; 28 cm. Bibliography: VIII-1 - VIII-6. (NAL Call No.: DNAL aSD428.J4J4).

0474

**Medicine Bow National Forest and Thunder Basin National Grasslandland and resource management plan (proposed).** -.  
Laramie, Wyo. : Rocky Mountain Region, USDA Forest Service, 1984. Cover title: Land and resource management plan, Medicine Bow National Forest and Thunder Basin National Grassland, proposed.~ "September 1984.". 406 p. in various pagings : ill., maps ; 28 cm. + 2 maps (part. col.) in pocket. Includes bibliographical references and index. (NAL Call No.: DNAL aSD428.M42M4).

0475

**Nebraska National Forest land and resource management plan /Rocky Mountain Region, USDA Forest Service.** -.  
Chadron, Neb. : The Region, 1984. Cover title: Land and resource management plan, Nebraska National Forest.~ "August 1984."~ One folded map in pocket.~ Errata sheet inserted. 1 v. (various pagings) : ill., maps, forms ; 28 cm. Includes bibliographical references and index. (NAL Call No.: DNAL aSD428.N2N42).

0476

**Proceedings of the Forest Land Inventory Workshop, Denver, Colorado, March 26-30, 1984 preparing for the 21st Century /compiled and edited by H. Gyde Lund.** -.  
Washington, D.C. : USDA Forest Service, Division of Timber Management, 1984. vi, 334 p. : ill. ; 28 cm. Includes bibliographical references. (NAL Call No.: DNAL aSD565.F673 1984).

0477

**Production, prices, employment, and trade in northwest forest industries, second quarter 1984 /Florence K. Ruderman.** -.  
Ruderman, Florence K. Portland, Or. : USDA, Forest Service, Pacific Northwest Forest and Range Experiment Station, 1984. Cover title.~ "December 1984.". 61 p. ; 28 cm. -. Includes

0478

**Review of Forest Service practices in New Mexicohearing before the Subcommittee on Forests, Family Farms, and Energy of the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session, April 30, 1984, Santa Fe and Taos, N. Mex.** -.  
United States.~Congress.~House.~Committee on Agriculture.~Subcommittee on Forests, Family Farms, and Energy. Washington, D.C. : U.S. G.P.O., 1984. Distributed to some depository libraries in microfiche.~ "Serial no. 98-67.". iv, 221 p. : ill. ; 24 cm. Bibliography: p. 181. (NAL Call No.: DNAL KF27.A344 1984b).

0479

**Base-age invariant polymorphic site index curves for even-aged spruce-fir stands in Maine /Bret P. Vicary, Thomas B. Brann, Ralph H. Griffin.** -.  
Vicary, Bret P. Brann, Thomas B.; Griffin, Ralph H. Orono, Me. : University of Maine at Orono, Maine Agricultural Experiment Station, 1984. "October 1984.". 33 p. : ill., map ; 23 cm. -. Bibliography: p. 31-33. (NAL Call No.: DNAL 100 M28S (1) no.802).

0480

**Eastern South Dakota forest statistics, 1980 /Gerhard K. Raile.** -.  
Raile, Gerhard K. St. Paul, Minn. : North Central Forest Experiment Station, Forest Service, USDA, 1984. Cover title.~ "September 1984."~ Chiefly statistics. 60 p. ; 28 cm. -. (NAL Call No.: DNAL aSD11.A35 no.74).

0481

**Growth and yield of sitka spruce and western hemlock at Cascade Head Experimental Forest, Oregon /Stephen H. Smith ... et al.** -.  
Smith, Stephen H. Portland, Or. : Pacific Northwest Forest and Range Experiment Station, 1984. Cover title.~ "September 1984.". 30 p. : ill., maps ; 28 cm. -. Bibliography: p. 14. (NAL Call No.: DNAL A99.9 F7625Uni no.325).

0482

**Inventorizing forest and other vegetation of the high latitude and high altitude regions proceedings of an international symposium, Society of American Foresters Regional Technical Conference, 23-26 July, 1984, Fairbanks, Alaska, USA /sponsored by Society of American Foresters, Science Region 1 ... et al.** ; in cooperation with State of Alaska,

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Department of Natural Resources ... et al. ;  
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Bethesda, Md. : The Society, 1984. "December  
1984.". viii, 296 p. : ill., maps ; 28 cm. -.  
Includes bibliographical references & index.  
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0483

Kansas forest inventory, 1981 /John S. Spencer,  
Jr., John K. Strickler, and William J. Moyer.  
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William J. St. Paul, MN : U.S. Dept. of  
Agriculture, Forest Service, North Central  
Forest Experiment Station, 1984. Cover title.~  
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83-B-5 (microfiche). 134 p. : ill., maps ; 28  
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aSD11.A35 no.83).

0484

Stand structure and yields of site-prepared  
loblolly pine plantations in the lower Coastal  
plain of the Carolinas, Georgia, and north  
Florida /Jerome L. Clutter ... et al. . -.  
Clutter, Jerome Lee, 1934. Asheville, N.C. :  
U.S. Dept. of Agriculture, Forest Service,  
Southeastern Forest Experiment Station, 1984.  
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ill., 1 map ; 28 cm. -. Bibliography: p. 162.  
(NAL Call No.: DNAL aSD433.A53 no.27).

0485

Tables of whole-tree weight for selected U.S.  
tree species. -.

Washington, D.C.? : U.S. Dept. of  
Agriculture, Forest Service, 1984. Distributed  
to depository libraries in microfiche.~ "July  
1984.". iii, 157 p. : ill. ; 28 cm. -.  
Bibliography: p. 153-155. (NAL Call No.: DNAL  
aSD11.U52 no.42).

# FOREST PRODUCTS - GENERAL

0486

**International forest products trade resources and market opportunities** /H. Edward Dickerhoof, editor ; Doris Robertson, proceedings coordinator ; Julia White, editorial assistant. -.

Dickerhoof, Edward. Madison, Wis. : Forest Products Research Society, c1984. Errata slip inserted.~ "Papers ... presented at a conference sponsored by the Forest Products Research Society in cooperation with the USDA Forest Service ... et al. ... held in Arlington, Virginia, November 7-9, 1983.". 176 p. : ill. ; 28 cm. -. Includes bibliographies. (NAL Call No.: DNAL HD9750.5.15).

0487

**Tropical timbers of the world** /by Martin Chudnoff. -.

Chudnoff, Martin. Washington, D.C. : U.S. Dept. of Agriculture, Forest Service ; 1984. "September 1984.". v, 464 p. : ill. ; 28 cm. -. Bibliography: p. 441-442. (NAL Call No.: DNAL 1 Ag84Ah no.607).

0488

**An analysis of New York's timber resources** /Thomas J. Considine, Jr. -.

Considine, Thomas J. Broomall, Pa. : U.S. Dept. of Agriculture, Forest Service, Northeastern Forest Experiment Station, 1984. Cover title. 70 p. : ill., maps ; 28 cm. -. Bibliography: p. 59-61. (NAL Call No.: DNAL A99.9 F7622Uf no.80).

0489

**DESIM user's manual a procedural guide for desinging and simulating hardwood sawmill systems** /Edward L. Adams. -.

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0490

**The hardwood resource in western Oregon** /John H. Poppino and Donald R. Gedney. -.

Poppino, John H. Gedney, Donald R. Portland, Dr. : Pacific Northwest Forest and Rane Experiment Station, 1984. 37 p. : ill., map ; 28 cm. -. (NAL Call No.: DNAL A99.9 F7625Un no.116).

0491

**Marine wood maintenance manual a guide for proper use of Douglas-fir in marine exposures** /Jeffery J. Morrell, Guy G. Helsing, Robert D. Graham. -.

Morrell, Jeffery J., 1955. Helsing, Guy G.; Graham, Robert D. Corvallis, Dr. : Forest Research Laboratory, College of Forestry, Oregon State University, 1984. "October 1984."--Cover.~ "College of Forestry and Sea Grant College Program"--Cover. 62 p. : ill., map ; 28 cm. -. Includes bibliographies. (NAL Call No.: DNAL SD1.07 no.48).

0492

**Painting and finishing wood for use outdoors** /by William C. Feist. -.

Feist, William C. Madison, Wisconsin : USDA Forest Products Laboratory, 1984. . Cover title.~ Paper also published in: New ideas materials procedures, proceedings of Seventh Annual Educational Conference, 1984, February 5-8; Baltimore, Md., American Society of Home Inspectors, Inc., 1984. 27 leaves : ill. ; 28 cm. Bibliography: p. 16-17. (NAL Call No.: DNAL aTT325.F45).

0493

**Reaction of epoxides with wood** /by Roger M. Rowell and W. Dale Ellis. -.

Rowell, Roger M. Ellis, Walter Dale. Madison, Wis. : USDA, Forest Service, Forest Products Laboratory, 1984. "December 1984.". 41 p. : ill. ; 28 cm. -. Bibliography: p. 38. (NAL Call No.: DNAL A99.9 F7634U no.451).

0494

**Timber resource statistics for the Talkeetna block, Susitna River basin multiresource inventory unit, Alaska, 1979** /Theodore S. Setzer, Gary L. Carroll, and Bert R. Mead. -.

Setzer, Theodore S. Carroll, Gary L.; Mead, Bert R. Portland, Dr. : Pacific Northwest Forest and Range Experiment Station, 1984. Cover title.~ "October 1984.". 47 p. : ill., map ; 28 cm. -. Bibliography: p. 47. (NAL Call No.: DNAL A99.9 F7625Un no.115).

0495

**U.S. timber production, trade, consumption, and price statistics, 1950-83** /by Alice H. Ulrich. -.

Ulrich, Alice H. Washington, D.C.? : USDA, Forest Service, 1984. "August 1984.". v, 83 p. : ill. ; 28 cm. -. Bibliography: p. 77-83. (NAL Call No.: DNAL 1 Ag84M no.1442).



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0496

**Wood preservation and wood products treatment.** -. Athens, Ga. : Cooperative Extension Service, The University of Georgia, College of Agriculture, 1984. Cover title. iv, 52 p. : ill. ; 28 cm. -. Bibliography: p. 42. (NAL Call No.: DNAL 275.29 G29B no.823).

0502

**Utilization of lignins and lignin derivatives /Fred Boye.** -. Boye, Fred. Appleton, Wis. : Institute of Paper Chemistry, 1984. Includes indexes. 2 v. (ii, 966 p.) ; 28 cm. -. (NAL Call No.: DNAL 241.4 Ap5 no.292).

0497

**Effect of ventilation rate and board loading on formaldehyde concentration: a critical review of the literature (Air contamination).** Myers, G.E. Madison, Wis. : Forest Products Research Society. Forest products journal. Oct 1984. Literature review. v. 34 (10). p. 59-68. ill. Includes 43 references. (NAL Call No.: 99.9 F7662J).

0498

**Proceedings of a workshop on the durability of structural panels, Pensacola, Florida, October 5-7, 1982 /edited by Eddie W. Price ; presented by the Southern Forest Experiment Station and Auburn University.** -. Price, Eddie W. New Orleans, Louisiana : U.S. Dept. of Agriculture, Forest Service, Southern Forest Experiment Station, 1984. "December 1984.". iii, 185 p. : ill. ; 28 cm. -. Includes bibliographies. (NAL Call No.: DNAL aSD11.U57 no.53).

0499

**Computer model for economic study of unbleached kraft paperboard production /Peter J. Ince.** -. Ince, Peter J. Madison, Wis. : Forest Products Laboratory, 1984. Cover title. 42 p. : ill. ; 28 cm. -. Includes bibliographical references. (NAL Call No.: DNAL aSD11.A57 no.42).

0500

**1984 Polymers, Laminations, and Coatings Conference, Westin Copley Place, Boston, Mass., September 24-26.** -. Atlanta, Ga. : Tappi Press, c1984. Spine title: TAPPI Polymers, Laminations, and Coatings Conference. 2 v. (ix, 691 p.) : ill. ; 28 cm. -. Includes bibliographies. (NAL Call No.: DNAL TS1109.T27 1984).

0501

**1984 Pulping Conference Hyatt Regency, San Francisco, CA, November 12-14.** -. Atlanta, GA : TAPPI Press, c1984. 3 v. (639 p.) : ill. ; 29 cm. -. Includes bibliographies. (NAL Call No.: DNAL TS1171.T3 1984).



# FOREST INJURIES AND PROTECTION

0503

**FUELBED-EAST user's guide for modeling activity fuels and fire behavior in eastern forests** /David L. Radloff, Duane R. Freeman, and Richard F. Yancik. -.  
Radloff, David L. Freeman, Duane R.; Yancik, Richard F. Fort Collins, Colo. : Rocky Mountain Forest and Range Experiment Station, Forest Service, U.S. Dept. of Agriculture, 1984. 12 p. : ill. ; 28 cm. Bibliography: p. 9. (NAL Call No.: DNAL aSD421.45.M37R3).

0508

**The 1978 National Fire-Danger Rating System** technical documentation. -.  
Ogden, Utah : U.S. Dept. of Agriculture, Forest Service, Intermountain Forest and Range Experiment Station, 1984. Caption title.~ Distributed to depository libraries in microfiche.~ "July 1983.". 44 p. : ill., 1 map ; 28 cm. -. Bibliography: p. 34-37. (NAL Call No.: DNAL aSD11.A48 no.169).

0504

**La Mesa Fire Symposium Los Alamos, New Mexico, October 6 and 7, 1981** /compiled by Teralene S. Foxx. -.  
Foxx, Teralene S. Los Alamos, N.M. : Los Alamos National Laboratory, 1984. Partially funded by the National Park Service and the Eisenhower Consortium of the U.S. Forest Service.~ Symposium co-sponsored by the LA/NERP and the Southwest Fire Council.~ "Issued February 1984."~ One folded map in pocket.~ "LA-9236-NERP."~ "UC-11.". vi, 172 p. : ill., maps ; 28 cm. Includes bibliographies. (NAL Call No.: DNAL SD421.32.N6L3 1981).

0505

**The legal system, the U.S. Forest Service, and human-caused wild fires** /Linda R. Donoghue and Donna M. Paananen. -.  
Donoghue, Linda R. St. Paul, Minn. : U.S. Dept. of Agriculture, Forest Service, North Central Forest Experiment Station, 1984. Cover title.~ Distributed to depository libraries in microfiche.~ "December 1984"--T.p. verso. 57 p. : ill. ; 28 cm. -. Includes bibliographies and index. (NAL Call No.: DNAL aSD11.A34 no.248).

0506

**Wall of flames the Minnesota forest fire of 1894** /Lawrence H. Larsen. -.  
Larsen, Lawrence H. 1931. Fargo : North Dakota Institute for Regional Studies, c1984. Includes index. 187 p., 2 p. of plates : ill. ; 24 cm. Bibliography: p. 179-182. (NAL Call No.: DNAL SD421.32.M6L37).

0507

**Wilderness fire management planning guide** /William C. Fischer. -.  
Fischer, William C. Ogden, Utah : U.S. Dept. of Agriculture, Forest Service, Intermountain Forest and Range Experiment Station, 1984. Distributed to depository libraries in microfiche.~ "August 1984.". 56 p. : ill., maps ; 28 cm. -. Includes bibliographies. (NAL Call No.: DNAL aSD11.A48 no.171).

# ANIMAL SCIENCE

0509

**Acarology VI /editors, D.A. Griffiths and C.E. Bowman. -.**

Griffiths, D. A.; Bowman, C. E. 1984. New York : Halsted Press, 1984. Papers presented at the VI International Congress of Acarology, held 5-11 September 1982. 2 v. : ill. ; 25 cm. Includes bibliographies and indexes. (NAL Call No.: DNAL QL458.A2I5 1982).

# ANIMAL PRODUCTION

0510

**Advances and challenges in insect rearing / edited by E.G. King and N.C. Leppla.**  
King, Edgar George.; 1943-; Leppla, N. C.; (Norman Casey).; 1945. New Orleans, La. Agricultural Research Service (Southern Region), U.S. Department of Agriculture 1984. Revised version of 36 papers presented at a conference "Advances and Challenges in Insect Rearing" sponsored by the U.S. Dept. of Agriculture and the Insect Rearing Group held in Atlanta, Ga., on March 4-6, 1980 ~Includes bibliographies. xvi, 306 p. : ill., map ; 28 cm. (NAL Call No.: aSF518.A3 1984).

0511

**The Africanized honey bee in the United States what will happen to the U.S. beekeeping industry? /Robert McDowell.** -.  
McDowell, Robert. Washington, D.C. : U.S. Dept. of Agriculture, Economic Research Service : for sale by Supt. of Docs., 1984. Cover title.~ "November 1984.". v, 33 p. : maps ; 28 cm. -. Bibliography: p. 24-26. (NAL Call No.: DNAL A281.9 Ag8A no.519).

0512

**An analysis of the pork industry in Maryland, North Carolina, Pennsylvania, and Virginia /Karen Mundy, David Kenyon, and John Crowgey, Jr.** -.  
Mundy, Karen P. 1943. Kenyon, David E.; Crowgey, John. Blacksburg, Va. : College of Agriculture and Life Sciences, Virginia Agricultural Experiment Station, Virginia Polytechnic Institute and State University, 1984. "September 1984.". vi, 99 p. : ill., maps ; 23 cm. -. Bibliography: p. 91-94. (NAL Call No.: DNAL S541.5.V8B8 no.84-8).

0513

**Beekeeping in the U.S. 1970-1983.**  
Maclean, J.T. Beltsville, Md. : The Library. Quick bibliography series - National Agricultural Library. Aug 1984. Bibliography. Aug 1984. (84-53). 14 p. (NAL Call No.: aZ5071.N3).

0514

**Cost comparison of private vs. for-hire trucking of cattle /Charles B. Soule ... et al.** -.  
Soule, Charles B. Laramie, Wyo. : Agricultural Experiment Station, University of Wyoming, 1984. iv, 50 p. : ill. ; 28 cm. -. Bibliography: p. 35. (NAL Call No.: DNAL S131.E22 no.198).

0515

**The development of the ability to select for increased milk production the Jersey dairy cow in Maine, 1900-1984 /by John R. Paton and Barbara A. Barton.** -.  
Paton, John R. Barton, Barbara A. Orono, Me. : Maine Agricultural Experiment Station, 1984. ix, 98 p. : ill., maps ; 23 cm. -. Bibliography: p. 98. (NAL Call No.: DNAL 100 M28S (1) no.792).

0516

**An Econometric model of the Hawaii beef industry and some of its applications /Roland K. Roberts ... et al.** -.  
Roberts, Roland K., 1950. Honolulu : HITAHR, College of Tropical Agriculture and Human Resources, University of Hawaii at Manoa, 1984. "August 1984.". 43 p. : ill. ; 26 cm. -. Bibliography: p. 43. (NAL Call No.: DNAL S539.5.R43 no.032).

0517

**The economic feasibility of electricity generation on cage layer operations /by Boris E. Bravo-Ureta and Glen V. McMahon.** -.  
Bravo-Ureta, Boris E. McMahon, Glen V. Storrs, Conn. : Storrs Agricultural Experiment Station, College of Agriculture and Natural Resources, The University of Connecticut, 1984. "May 1984.". 36 p. : ill. ; 22 cm. -. Bibliography: p. 30-31. (NAL Call No.: DNAL 100 C76Re no.79).

0518

**The effects of foreign beef imports on Hawaii beef prices and production /Roland K. Roberts, James C. Nolan, Jr.** -.  
Roberts, Roland K., 1950. Nolan, James C., 1924. Honolulu : HITAHR, College of tropical Agriculture and Human Resources, University of Hawaii at Manoa, 1984. "November 1984.". 16 p. ; 26 cm. -. Bibliography: p. 15. (NAL Call No.: DNAL S539.5.R43 no.035).

0519

**Oklahoma equine agriculture symposium proceedings held at Oklahoma City, Oklahoma August 8 and 9, 1984 /proceedings co-edited and compiled by: R.L. Dalrymple, Jim Pumphrey ; symposium sponsored by: Agricultural Division, Nobel Foundation.** -.  
Dalrymple, R. L.; Pumphrey, Jim. Ardmore, Okla. (2510 Highway 70 East, P.O. Box 2180, Ardmore 73402) : The Foundation, 1984. v, 180 p. : ill. ; 28 cm. Includes bibliographies. (NAL Call No.: DNAL SF285.05 1984).

## ANIMAL PRODUCTION

0520

(NAL Call No.: DNAL A281.9 Ag8A no.515).

**Proceedings /18th and 19th Mealani Beef Cattle Field Day, Mealani Experiment Station, Kamuela, Hawaii, October 15, 1983 and October 20, 1984.**

-.  
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Hall, R.D. Honolulu, Hawaii : Dept. of Entomology, Bishop Museum. Journal of medical entomology. July 26, 1984. Literature review. v. 21 (4). p. 361-365. Includes references. (NAL Call No.: 421 J828).

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0590

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**Anthony J. Sinskey, E. Ray Pariser. -.**

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# WATER RESOURCES AND MANAGEMENT

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0740

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0758

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0759

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## WATER RESOURCES AND MANAGEMENT

0761

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0763

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0765

**Water use and management in the Texas rice belt region /Ronald C. Griffin, Gregory M. Perry, Garry N. McCauley. -.**  
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MacLean, J.T. Beltsville, Md. : The Library. Quick bibliography series - National Agricultural Library. Updates 82-08.~ Bibliography. Dec 1984. (85-08). 23 p. (NAL Call No.: DNAL aZ5071.N3).

0768

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0769

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0770

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0771

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Low flow hydraulics in alluvial channels final report /by Barbara A. Miller, Harry G. Wenzel. -. Miller, Barbara A. Wenzel, Harry G. Urbana, Ill. : University of Illinois at Urbana-Champaign, 1984. "September, 1984."~ "Project no. 371506; grant no. 14-08-001-G840"--Cover. vii, 51 p. : ill. ; 28 cm. -. Bibliography: p. 49-50. (NAL Call No.: DNAL TC424.I3I4 no.192).

# LAND RESOURCES

0773

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Bucko, Daniel. Fabos, Julius Gy. Amherst : Massachusetts Agricultural Experiment Station, College of Food and Natural Resources, University of Massachusetts of Amherst, 1984. "July 1984.". ix, 48 p. ; 23 cm. -. (NAL Call No.: DNAL 100 M38H (1) no.694).

0774

**Draft environmental impact statementland and resource management plan, Cherokee National Forest. -.**

Atlanta, Ga. : U.S. Dept. of Agriculture, Forest Service, Southern Region, 1984 . Cover title: Draft environmental impact statement, Cherokee National Forest. 1 v. (various pagings) : ill. ; 28 cm. + 1 envelope (12 col. maps on 6 folded sheets). Includes bibliographies. (NAL Call No.: DNAL aSD428.C4D74).

0775

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Boise, Idaho : The Bureau, 1984. Cover title: Jacks Creek wilderness environmental impact statement, draft.~ Includes index. vi, 211 p. : ill., maps ; 28 cm. Bibliography: p. 203-207. (NAL Call No.: DNAL QH76.5.I2D7).

0776

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0777

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0778

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0779

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0780

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0781

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0783

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0784

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0785

**Nursery crops and landscape designs for agribusiness studies careers, basic subject matter, and work experience practices /George S. Williams, Ronald L. Shumack. -.**

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0786

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0787

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0788

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0789

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0790

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0791

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0792

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0793

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# FOOD SCIENCE AND FOOD PRODUCTS

0794

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0800

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0795

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Matz, Samuel A. Westport, Conn. : AVI Pub. Co., c1984. xiii, 415 p. : ill. ; 24 cm. Includes bibliographies and index. (NAL Call No.: DNAL TP451.S57M37 1984).

0796

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0797

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Springfield, Va. : NTIS, 1984. Report period covered: 1972-Aug 84.~ "Sep 84."~ Supersedes PB83-867713.~ NX5441.~ Includes index. 1 v. (various pagings) ; 29 cm. (NAL Call No.: DNAL Z7914.F63U4 1984).

0798

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0799

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0801

## **Food Irradiation, 1979-1984.**

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0802

## **Food processing waste treatment (1976 - Sep 84) citations from the NTIS data base /National Technical Information Service, Springfield, VA.**

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0803

## **Information materials for the food and cosmetic industries. -. .**

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0804

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0805

## **The University of California/Sotheby book of California wine /editors, Doris Muscatine, Maynard A. Amerine, Bob Thompson. -. .**

Muscatine, Doris.; Amerine, M. A.\_1911-; Thompson, Bob. Berkeley : University of California Press ; London : Sotheby Publications, 1984. Half title: Book of California wine.~ Includes index. xxxviii, 615 p. : ill. (some col.), maps ; 29 cm. Bibliography: p. 560-571. (NAL Call No.: DNAL TP557.U64).

0806

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0807

## **Processed meats /A.M. Pearson and F.W. Tauber. -. .**

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0808

## **Fresh seafood, the commercial buyer's guide buying, choosing, handling, and using fresh fish and shellfish /Ian Dore. -. .**

Dore, Ian, 1941. Huntington, N.Y. : Dsprey Books, c1984. Includes indexes. 375 p. : ill. ; 23 cm. -. Bibliography: p. 359-364. (NAL Call No.: DNAL HD9450.5.D67).

0809

## **Developments in industrial microbiology. -. .**

Arlington, Va. : Society for Industrial Microbiology, 1984. "Proceedings of the Fortieth General Meeting of the Society for Industrial Microbiology held at Sarasota, Florida August 14-19, 1983." xiv, 806 p. : ill. ; 24 cm. -. Includes bibliographies and index. (NAL Call No.: DNAL 448.3 D49 v.25).

# FOOD CONTAMINATION AND TOXICOLOGY

0810

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Friedman, Mendel. New York : Plenum, c1984.  
"Based on the Symposium on Food Safety: Metabolism and Nutrition, sponsored by the Pacific Conference on Chemistry and Spectroscopy, held October 27-29, 1982, in San Francisco, California"--T.p. verso. xii, 584 p. : ill. ; 26 cm. -. Includes bibliographical references and index. (NAL Call No.: DNAL QP901.A33 v.177).

0811

**The safe food book your kitchen guide / writer, Mary Ann Parmley. -.**  
Parmley, Mary Ann. Washington, D.C. : U.S. Dept. of Agriculture, Food Safety and Inspection Service, 1984. Cover title.~ "July 1984."~ Includes index. 32 p. : col. ill. ; 22 cm. -. Bibliography: p. 31. (NAL Call No.: DNAL 1 Ag84Hg no.241).

0812

**Strontium-90 in the U.S. diet, 1982 /by C.S. Klusek. -.**  
Klusek, C. S. New York, N.Y. : U.S. Dept. of Energy, Environmental Measurements Laboratory ; Springfield, Va. : available from NTIS, 1984. "July 1984."~ "DE84015737.". ii, 45 p. : ill. ; 28 cm. -. Includes bibliographies. (NAL Call No.: DNAL TX571.R3K57).

0813

**Electromagnetic radiation properties of foods and agricultural products /Nuri N. Mohsenin. -.**  
Mohsenin, Nuri N. New York : Gordon and Breach, c1984. Includes indexes. xiv, 673 p., 2 p. of plates : ill. (some col.) ; 24 cm. Bibliography: p. 635-660. (NAL Call No.: DNAL TX551.M55).

0814

**Methods for assessing the economic benefits of food safety regulations a case study of PCBs in fish /by Marion S. Gold and Eileen O. van Ravenswaay. -.**  
Gold, Marion S. East Lansing : Dept. of Agricultural Economics, Michigan State University, 1984. "November 1984.". v, 112 p. : ill. ; 28 cm. -. Bibliography: p. 106-112. (NAL Call No.: DNAL 281.9 M5842 no.460).

0815

**Seafood toxins based on a symposium sponsored by the Division of Agricultural and Food Chemistry at the 186th meeting of the American Chemical Society, Washington, D.C., August 28-September 2, 1983 /Edward P. Ragelis, editor. -.**  
Ragelis, Edward P.,\_1932. Washington, D.C. : The Society, 1984. xii, 460 p. : ill. ; 24 cm. -. Includes bibliographies and indexes. (NAL Call No.: DNAL QD1.A45 no.262).

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0816

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Springfield, Va. The Service 1984. Report period covered: Jun 83 - Mar 84 ~"May 84.  
~Supersedes PB83-865758 ~PB84-865377 ~NX3338  
~Includes index. 1 v. (various pagings) ; 29 cm. (NAL Call No.: Z5776.C4F62 1984).

0817

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MacLean, J.T. Beltsville, Md. : The Library. Quick bibliography series - National Agricultural Library. July 1984. Bibliography. July 1984. (84-49). 16 p. (NAL Call No.: aZ5071.N3).



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0818

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0819

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0820

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0821

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0822

**Composition of foods nut and seed products : raw, processed, prepared /by Nutrition Monitoring Division ; principal investigators, Marie A. McCarthy, Ruth H. Matthews.** -. McCarthy, Marie A.; Matthews, Ruth H. Washington, D.C.? : USDA, Human Nutrition Information Service : for sale by Supt. of Docs., 1984. "A major revision of the 1963 edition of USDA Agriculture handbook no. 8"--P. ii.~ Chiefly tables.~ Loose-leaf for updating. v, 137 p. (loose-leaf) ; 30 cm. -. Bibliography: p. 8-10. (NAL Call No.: DNAL 1 Ag84Ah no.8-12 1984).

0823

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# FEED PRODUCTS

0824

Growth and structure of the Mexican feedstuffs industry /by Andrew C. Burst, Philip F. Warnken, Maury E. Bredahl. -.  
Burst, Andrew C. Columbia : University of Missouri-Columbia, College of Agriculture International Series 1984. "November 1984.". xv, 128 p. : ill. ; 23 cm. -. Bibliography: p. 125-128. (NAL Call No.: DNAL 100 M693Sp no.315).

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0825

**Livestock feed additives 1979-1983.**

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# HUMAN NUTRITION

0826

Crops as sources of nutrients for humans  
proceedings of a symposium /sponsored by  
divisions S-4 and C-6 of the Soil Science  
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Welch, R. M.; Gabelman, W. H. Madison, Wis. :  
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0827

Growth in the health and natural foods industry  
/Charlene C. Price, Judy Brown. -.  
Price, Charlene C. Brown, Judy A. Washington,  
D.C. : U.S. Dept. of Agriculture, Economic  
Research Service, National Economics Division ;  
Springfield, Va. : reproduced by NTIS, 1984.  
"May 1984"--P. i.~ "PB84-208057.". iii, 32 p. :  
ill., 1 map ; 28 cm. -. Includes  
bibliographical references. (NAL Call No.: DNAL  
HD9005.P74).

0828

Low sodium diets, January 1982-December 1983.  
MacLean, J.T. Beltsville, Md. : The Library.  
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~Bibliography. Apr 1984. (84-23). 17 p. (NAL  
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0829

Nutrient intakes individuals in 48 states, year  
1977-78. -.  
Hyattsville, Md. : U.S. Dept. of Agriculture,  
Human Nutrition Information Service, Consumer  
Nutrition Division ; Washington, D.C. : For  
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Cover title.~ "Issued May 1984"--P. 2 of  
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439 p. : ill., forms ; 22 x 27 cm. -.  
Bibliography: p. 58-62. (NAL Call No.: DNAL  
aHD9004.N88 1977/78).

0830

Nutrition in the 20th century /edited by Myron  
Winick. -.  
Winick, Myron. New York : J. Wiley, c1984. "A  
Wiley-Interscience publication.". viii, 197 p.  
: ill. ; 24 cm. -. Includes bibliographical  
references and index. (NAL Call No.: DNAL  
QP141.A1C8 v.13).



# NUTRITION EDUCATION

0831

**Nutrition education for native Americans a guide for nutrition educators. -.**

Washington, D.C.? : U.S. Dept. of Agriculture, Food and Nutrition Service, 1984 . Cover title.~ "September 1984"--P. 2 of cover.~ "FNS-249.". iii, 67 p. : 1 map ; 27 cm. -. Includes bibliographies. (NAL Call No.: DNAL aTX353.U5 no.249).

0832

**Promoting nutrition through education a resource guide to the Nutrition Education and Training Program /compiled under contract no. 53-3K06-1-13 by the Maxima Corporation for the Food and Nutrition Information Center, National Agricultural Library. -.**

Beltsville, Md. : U.S. Dept. of Agriculture, Food and Nutrition Information Center, National Agricultural Library, 1984. "August 1984."~ Includes indexes. 269 p. ; 28 cm. -. (NAL Call No.: DNAL aZ5076.A1U54 no.31).

0833

**Foodservice systems management /Lewis J. Minor, Ronald F. Cichy. -.**

Minor, Lewis J. Cichy, Ronald F. Westport, Conn. : AVI Pub. Co., c1984. xiii, 285 p. : ill. ; 24 cm. Includes bibliographies and index. (NAL Call No.: DNAL TX911.3.M27M56).

0834

**Recipes for quantity food service /Lois Fulton, Carole Davis, Evelyn Matthews. -.**

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# PHYSIOLOGY OF HUMAN NUTRITION

0835

**Genetic factors in nutrition /edited by Antonio Velazquez, Hector Bourges ; editorial assistant, Isabel Perez Montfort. -.**

Velazquez Arellano, Antonio.; Bourges, Hector.  
Orlando : Academic Press, 1984. "Proceedings of  
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4-8, 1982"--P. preceding t.p. xv, 441 p. : ill.  
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# DIET AND DIET RELATED DISEASES

0836

**Fatty fish and human nutrition resource notebook /principal investigator: Marine Chemurgics.**  
Washington, D.C. : U.S. Dept. of Commerce, NOAA, National Marine Fisheries Service ; Springfield, Va. : available from NTIS, 1984.  
"Conducted under a grant to: Gulf & South Atlantic Fisheries Development Foundation."~  
"May 1984."~ "PB84-240647."--P. i. iii, 172 leaves : ill. ; 28 cm. "Literature citations": leaves 154-171. (NAL Call No.: DNAL TX556.5.F3).

0837

**Handbook of vitamins nutritional, biochemical, and clinical aspects /edited by Lawrence J. Machlin. -.**  
Machlin, Lawrence J.,\_1927. New York : M. Dekker, c1984. x, 614 p. : ill. ; 27 cm. -. Includes bibliographical references and index. (NAL Call No.: DNAL QP771.H36).

0838

**The sodium-watcher's guide easy ways to cut salt and sodium /by Kathleen Mayes. -.**  
Mayes, Kathleen, 1931. Santa Barbara, Calif., U.S.A. : Pennant Books, c1984. Includes index. xiii, 121 p. ; 23 cm. Bibliography: p. 113. (NAL Call No.: DNAL RM237.8.M39).

# HOME ECONOMICS

0839

**Abuse of the elderly a guide to resources and services / edited by Joseph J. Costa. -.**  
Costa, Joseph J. Lexington, Mass. : Lexington Books, c1984. Includes index. xiii, 289 p. ; 24 cm. Bibliography: p. 225-289. (NAL Call No.: DNAL HV1461.A28).

0840

**Family caregivers and dependent elderly minimizing stress and maximizing independence /Dianne Springer, Timothy H. Brubaker. -.**  
Springer, Dianne. Brubaker, Timothy H. Beverly Hills : Sage Publications, c1984. "Published in cooperation with the University of Michigan School of Social Work.". 159 p. : forms ; 22 cm. -. Bibliography: p. 153-158. (NAL Call No.: DNAL HV1461.S67).

0841

**Food preservation publications.**  
Little Rock, Ark. : The Service. Leaflet EL - Arkansas University, Cooperative Extension Service. May 1984. Bibliography. May 1984. (662). 5 p. (NAL Call No.: 275.29 AR4LE).

0842

**Textile fabrics and their selection /Isabel B. Wingate, June F. Mohler. -.**  
Wingate, Isabel B. Mohler, June F.,\_1925. Englewood Cliffs, N.J. : Prentice-Hall, c1984. Includes index. xvi, 704 p. : ill. ; 25 cm. Bibliography: p. 684-690. (NAL Call No.: DNAL TS1449.W5 1984).

0843

**4-H leader's guide intermediate clothing /Ellen Goldsberry. -.**  
Goldsberry, Ellen. Tucson, Ariz.? : Cooperative Extension Service, University of Arizona?, 1984? . Cover title. 62 p. : ill. ; 28 cm. Bibliography: p. 60-62. (NAL Call No.: DNAL TX340.G6).



Short log & timber building book a handbook for  
traditional and modern post and beam houses

/James Mitchell. -.

Mitchell, James. Pt. Roberts, WA : Hartley &  
Marks, c1984. Includes index. 282 p. : ill.,  
plans ; 24 cm. Bibliography: p. 272 -273. (NAL  
Call No.: DNAL TH4818.W6M5).

# POLLUTION

0845

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**The base of the Upper Jurassic Morrison Formation in east-central Utah a review of the first description of the base of the Morrison Formation in east-central Utah and some later modifications /by Robert B. O'Sullivan. -**  
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Moser, Fredrika C. Hein, J. R. Washington, D.C. : U.S. G.P.O. ; Alexandria, VA : For sale by the Distribution Branch, Text Products Section, U.S. Geological Survey, 1984. iii, 19 p. : maps ; 28 cm. -. Bibliography: p. 14-17. (NAL Call No.: DNAL 407 G29B no.1624).

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**Geology of Emmons County, North Dakota /by John P. Bluemle ; prepared by the North Dakota Geological Survey in cooperation with the U.S. Geological Survey, North Dakota State Water Commission, and the Emmons County Board of Commissioners. -.**   
Bluemle, John P. Grand Forks, N.D. : North Dakota Geological Survey, 1984. vi, 69 p. : ill. ; 23 cm. -. Bibliography: p. 65-69. (NAL Call No.: DNAL 406 N813B no.66 pt.1).

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Huffman, A. Curtis. Washington, D.C. : U.S. G.P.O., 1984. v, 129 p. : ill., maps ; 28 cm. -. Bibliography: p. 124-129. (NAL Call No.: DNAL 407 G29B no.1614).

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**High-temperature, large-volume, lavalike ash-flow tuffs without calderas in southwestern Idaho /by E.B. Ekren, D.H. McIntyre, and E.H. Bennett. -.**   
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**Mariposa quadrangle, Mariposa and Madera Counties, California--analytic data /by Konrad B. Krauskopf. -.**   
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**Microscopic determination of the nonopaque minerals /by Michael Fleischer, Ray E. Wilcox, and John J. Matzko.**  
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**Mineral resources of the Citico Creek wilderness study area, Monroe County, Tennessee /by John F. Slack ... et al. -.**   
Slack, John F. Washington, D.C. : U.S. G.P.D., 1984. Two folded maps in pocket. vi, 32 p. : ill., maps ; 24 cm. -. Bibliography: p. 31-32. (NAL Call No.: DNAL 407 G29B no.1552).

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**Mineral resources of the Tracy Arm-Fords Terror Wilderness study area and vicinity, Alaska /by U.S. Geological Survey and U.S. Bureau of Mines. -.**   
Reston, Va.? : U.S. Dept. of the Interior, Geological Survey ; Washington, D.C. : For sale by the Supt. of Docs., U.S. G.P.D., 1984. Cover title: Tracy Arm-Fords Terror area, Alaska.~ Text and 3 maps on folded sheets issued in slipcase. ix, 308 p. : ill., maps (some col.) ; 24 cm. -. Includes bibliographies and index. (NAL Call No.: DNAL 407 G29B no.1525).



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Harnly, Caroline D. Tyckoson, David A. Metuchen, N.J. : Scarecrow Press, 1984. Includes index. xi, 249 p. ; 23 cm. (NAL Call No.: DNAL Z6033.E1H36).

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**A naturalist's Blue Ridge Parkway /by David T. Catlin. -.**  
Catlin, David T. Knoxville : University of Tennessee Press, c1984. Includes index. xii, 208 p., 12 p. of plates : ill. (some col.), maps ; 22 cm. Bibliography: p. 198-199. (NAL Call No.: DNAL QH104.5.B5C38).

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**Porvenir formation (new name)--and other revisions of nomenclature of Mississippian, Pennsylvanian, and lower Permian rocks, southeastern Sangre de Cristo Mountains, New Mexico /by Elmer H. Baltz and Donald A. Myers. -.**  
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**Remote monitoring of processes that shape desert surfaces the desert winds project /by J.F. McCauley ... et al. -.**  
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